

Virgil Percec

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/443159/publications.pdf>

Version: 2024-02-01

740
papers

50,385
citations

1377

111
h-index

3688

186
g-index

780
all docs

780
docs citations

780
times ranked

18631
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-assembly of liposomes, Dendrimersomes, and Polymersomes with amphiphilic Janus dendrimers conjugated to Mono- and Tris-Nitrilotriacetic Acid (NTA, TrisNTA) enhances protein recruitment. <i>Giant</i> , 2022, 9, 100089.	2.5	17
2	The Unexpected Importance of the Primary Structure of the Hydrophobic Part of One-Component Ionizable Amphiphilic Janus Dendrimers in Targeted mRNA Delivery Activity. <i>Journal of the American Chemical Society</i> , 2022, 144, 4746-4753.	6.6	43
3	Enhancing conformational flexibility of dendronized triphenylene via diethylene glycol linkers lowers transitions of helical columnar, Frank-Kasper, and quasicrystal phases. <i>Giant</i> , 2022, 10, 100098.	2.5	9
4	Conformationally flexible dendronized cyclotetrameratrylenes (CTTV)s self-organize a large diversity of chiral columnar, Frank-Kasper and quasicrystal phases. <i>Giant</i> , 2022, 10, 100096.	2.5	12
5	Molecular parameters including fluorination program order during hierarchical helical self-organization of self-assembling dendrons. <i>Giant</i> , 2022, 11, 100103.	2.5	10
6	Unraveling topology-induced shape transformations in dendrimersomes. <i>Soft Matter</i> , 2021, 17, 254-267.	1.2	18
7	Probing sulfatide-tissue lectin recognition with functionalized glycodendrimersomes. <i>IScience</i> , 2021, 24, 101919.	1.9	17
8	Enhanced Concanavalinâ€¦A Binding to Preorganized Mannose Nanoarrays in Glycodendrimersomes Revealed Multivalent Interactions. <i>Angewandte Chemie</i> , 2021, 133, 8433-8441.	1.6	0
9	Helical Self-Organizations and Emerging Functions in Architectures, Biological and Synthetic Macromolecules. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 900-928.	2.0	72
10	Enhanced Concanavalinâ€¦A Binding to Preorganized Mannose Nanoarrays in Glycodendrimersomes Revealed Multivalent Interactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8352-8360.	7.2	31
11	Self-organisation of rhombitruncated cuboctahedral hexagonal columns from an amphiphilic Janus dendrimer. <i>Molecular Physics</i> , 2021, 119, .	0.8	13
12	From examining the relationship between (corona)viral adhesins and galectins to glyco-perspectives. <i>Biophysical Journal</i> , 2021, 120, 1031-1039.	0.2	5
13	The legacy of Rosalind E. Franklin: Landmark contributions to two Nobel Prizes. <i>CheM</i> , 2021, 7, 529-536.	5.8	15
14	One-Component Multifunctional Sequence-Defined Ionizable Amphiphilic Janus Dendrimer Delivery Systems for mRNA. <i>Journal of the American Chemical Society</i> , 2021, 143, 12315-12327.	6.6	66
15	Helical Chirality of Supramolecular Columns and Spheres Selfâ€Organizes Complex Liquid Crystals, Crystals, and Quasicrystals. <i>Israel Journal of Chemistry</i> , 2021, 61, 530-556.	1.0	38
16	Targeted Delivery of mRNA with One-Component Ionizable Amphiphilic Janus Dendrimers. <i>Journal of the American Chemical Society</i> , 2021, 143, 17975-17982.	6.6	48
17	An Accelerated Modular-Orthogonal Ni-Catalyzed Methodology to Symmetric and Nonsymmetric Constitutional Isomeric AB₂ to AB₉ Dendrons Exhibiting Unprecedented Self-Organizing Principles. <i>Journal of the American Chemical Society</i> , 2021, 143, 17724-17743.	6.6	25
18	Self-Organization of Rectangular Bipyramidal Helical Columns by Supramolecular Orientational Memory Epitaxially Nucleated from a Frank-Kasper ĩf Phase. <i>Giant</i> , 2021, , 100084.	2.5	21

#	ARTICLE	IF	CITATIONS
19	Replacing Cu(II)Br ₂ with Me ₆ -TREN in Biphasic Cu(0)/TREN Catalyzed SET-LRP Reveals the Mixed-Ligand Effect. <i>Biomacromolecules</i> , 2020, 21, 250-261.	2.6	26
20	Photoinduced Upgrading of Lactic Acid-Based Solvents to Block Copolymer Surfactants. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1276-1284.	3.2	22
21	Perfecting self-organization of covalent and supramolecular mega macromolecules via sequence-defined and monodisperse components. <i>Polymer</i> , 2020, 211, 123252.	1.8	11
22	Dual Biochemically Breakable Drug Carriers from Programmed Telechelic Homopolymers. <i>Biomacromolecules</i> , 2020, 21, 4313-4325.	2.6	5
23	Programming Self-Assembly and Stimuli-Triggered Response of Hydrophilic Telechelic Polymers with Sequence-Encoded Hydrophobic Initiators. <i>Macromolecules</i> , 2020, 53, 7285-7297.	2.2	10
24	Monodisperse Macromolecules by Self-Interrupted Living Polymerization. <i>Journal of the American Chemical Society</i> , 2020, 142, 15265-15270.	6.6	37
25	From organic chemistry to chemical biology via macromolecules with Hermann Staudinger. <i>Giant</i> , 2020, 4, 100036.	2.5	6
26	The Legacy of Hermann Staudinger: Covalently Linked Macromolecules. <i>CheM</i> , 2020, 6, 2855-2861.	5.8	11
27	Nanovesicles displaying functional linear and branched oligomannose self-assembled from sequence-defined Janus glycodendrimers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11931-11939.	3.3	37
28	Direct Visualization of Vesicle Disassembly and Reassembly Using Photocleavable Dendrimers Elucidates Cargo Release Mechanisms. <i>ACS Nano</i> , 2020, 14, 7398-7411.	7.3	27
29	Precise and Accelerated Polymer Synthesis via Mixed-Ligand and Mixed-RAFT Agents. <i>CheM</i> , 2020, 6, 1203-1204.	5.8	3
30	Merging Macromolecular and Supramolecular Chemistry into Bioinspired Synthesis of Complex Systems. <i>Israel Journal of Chemistry</i> , 2020, 60, 48-66.	1.0	45
31	Me ₆ -TREN/TREN Mixed-Ligand Effect During SET-LRP in the Catalytically Active DMSO Revitalizes TREN into an Excellent Ligand. <i>Biomacromolecules</i> , 2020, 21, 1902-1919.	2.6	20
32	Extraordinary Acceleration of Cogwheel Helical Self-Organization of Dendronized Perylene Bisimides by the Dendron Sequence Encoding Their Tertiary Structure. <i>Journal of the American Chemical Society</i> , 2020, 142, 9525-9536.	6.6	42
33	Supramolecular spheres assembled from covalent and supramolecular dendritic crowns dictate the supramolecular orientational memory effect mediated by Frank-Kasper phases. <i>Giant</i> , 2020, 1, 100001.	2.5	40
34	SET-LRP from Programmed Difunctional Initiators Encoded with Double Single-Cleavage and Double Dual-Cleavage Groups. <i>Biomacromolecules</i> , 2019, 20, 3200-3210.	2.6	15
35	Membrane-Mimetic Dendrimersomes Engulf Living Bacteria via Endocytosis. <i>Nano Letters</i> , 2019, 19, 5732-5738.	4.5	38
36	Encapsulation of hydrophobic components in dendrimersomes and decoration of their surface with proteins and nucleic acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15378-15385.	3.3	41

#	ARTICLE	IF	CITATIONS
37	pH-Responsive Micellar Nanoassemblies from Water-Soluble Telechelic Homopolymers Encoding Acid-Labile Middle-Chain Groups in Their Hydrophobic Sequence-Defined Initiator Residue. ACS Macro Letters, 2019, 8, 1200-1208.	2.3	8
38	Sequence-Defined Dendrons Dictate Supramolecular Cogwheel Assembly of Dendronized Perylene Bisimides. Journal of the American Chemical Society, 2019, 141, 15761-15766.	6.6	34
39	Polyacrylates Derived from Biobased Ethyl Lactate Solvent via SET-LRP. Biomacromolecules, 2019, 20, 2135-2147.	2.6	33
40	SET-LRP of Bio- and Petroleum-Sourced Methacrylates in Aqueous Alcoholic Mixtures. Biomacromolecules, 2019, 20, 1816-1827.	2.6	17
41	Supramolecular Spheres Self-Assembled from Conical Dendrons Are Chiral. Journal of the American Chemical Society, 2019, 141, 6162-6166.	6.6	42
42	Designing functionality relationships for adhesion/growth-regulatory galectins. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2837-2842.	3.3	57
43	Encoding biological recognition in a bicomponent cell-membrane mimic. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5376-5382.	3.3	51
44	Bioactive cell-like hybrids from dendrimersomes with a human cell membrane and its components. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 744-752.	3.3	49
45	Screening Libraries of Amphiphilic Janus Dendrimers Based on Natural Phenolic Acids to Discover Monodisperse Unilamellar Dendrimersomes. Biomacromolecules, 2019, 20, 712-727.	2.6	36
46	SET-LRP of the Hydrophobic Biobased Menthyl Acrylate. Biomacromolecules, 2018, 19, 1256-1268.	2.6	27
47	Macromonomers, telechelics and more complex architectures of PMA by a combination of biphasic SET-LRP and biphasic esterification. Polymer Chemistry, 2018, 9, 1885-1899.	1.9	16
48	Dendrimersomes Exhibit Lamellar-to-Sponge Phase Transitions. Langmuir, 2018, 34, 5527-5534.	1.6	16
49	Exploring functional pairing between surface glycoconjugates and human galectins using programmable glycodendrimersomes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2509-E2518.	3.3	71
50	Frontiers of Macromolecular and Supramolecular Science symposia. Polymer Chemistry, 2018, 9, 2355-2358.	1.9	3
51	Acrylate-macromonomers and telechelics of PBA by merging biphasic SET-LRP of BA, chain extension with MA and biphasic esterification. Polymer Chemistry, 2018, 9, 1961-1971.	1.9	16
52	Losing supramolecular orientational memory via self-organization of a misfolded secondary structure. Polymer Chemistry, 2018, 9, 2370-2381.	1.9	15
53	SET-LRP in biphasic mixtures of fluorinated alcohols with water. Polymer Chemistry, 2018, 9, 2313-2327.	1.9	16
54	Highly reactive α -bromoacrylate monomers and Michael acceptors obtained by Cu(II)Br ₂ -dibromination of acrylates and instantaneous E2 by a ligand. Polymer Chemistry, 2018, 9, 2082-2086.	1.9	3

#	ARTICLE	IF	CITATIONS
55	Acetone: a solvent or a reagent depending on the addition order in SET-LRP. <i>Polymer Chemistry</i> , 2018, 9, 5411-5417.	1.9	7
56	Dendronized Poly(2-oxazoline) Displays within only Five Monomer Repeat Units Liquid Quasicrystal, A15 and Ĩf Frankâ€™Kasper Phases. <i>Journal of the American Chemical Society</i> , 2018, 140, 16941-16947.	6.6	57
57	SET-LRP in Biphasic Mixtures of the Nondisproportionating Solvent Hexafluoroisopropanol with Water. <i>Biomacromolecules</i> , 2018, 19, 4480-4491.	2.6	11
58	Hierarchical Self-Organization of Chiral Columns from Chiral Supramolecular Spheres. <i>Journal of the American Chemical Society</i> , 2018, 140, 13478-13487.	6.6	34
59	Dumbbell-Shaped Janus Dendrimersomes Exhibit Lamellar to Sponge Phase Transitions. <i>Biophysical Journal</i> , 2018, 114, 272a-273a.	0.2	1
60	Recent Developments in the Synthesis of Biomacromolecules and their Conjugates by Single Electron Transferâ€™Living Radical Polymerization. <i>Biomacromolecules</i> , 2017, 18, 1039-1063.	2.6	77
61	Self-interrupted synthesis of sterically hindered aliphatic polyamide dendrimers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2275-E2284.	3.3	25
62	Mimicking Complex Biological Membranes and Their Programmable Glycan Ligands with Dendrimersomes and Glycodendrimersomes. <i>Chemical Reviews</i> , 2017, 117, 6538-6631.	23.0	146
63	Acetoneâ€™water biphasic mixtures as solvents for ultrafast SET-LRP of hydrophobic acrylates. <i>Polymer Chemistry</i> , 2017, 8, 3102-3123.	1.9	29
64	The stirring rate provides a dramatic acceleration of the ultrafast interfacial SET-LRP in biphasic acetonitrileâ€™water mixtures. <i>Polymer Chemistry</i> , 2017, 8, 3405-3424.	1.9	26
65	Tetrahedral Arrangements of Perylene Bisimide Columns <i>via</i> Supramolecular Orientational Memory. <i>ACS Nano</i> , 2017, 11, 983-991.	7.3	33
66	A Tetragonal Phase Self-Organized from Unimolecular Spheres Assembled from a Substituted Poly(2-oxazoline). <i>Macromolecules</i> , 2017, 50, 375-385.	2.2	34
67	Reaction of a Programmable Glycan Presentation of Glycodendrimersomes and Cells with Engineered Human Lectins To Show the Sugar Functionality of the Cell Surface. <i>Angewandte Chemie</i> , 2017, 129, 14869-14873.	1.6	4
68	Single-Electron Transfer Living Radical Polymerization Platform to Practice, Develop, and Invent. <i>Biomacromolecules</i> , 2017, 18, 2981-3008.	2.6	109
69	SET-LRP in the Neoteric Ethyl Lactate Alcohol. <i>Biomacromolecules</i> , 2017, 18, 3447-3456.	2.6	23
70	Reaction of a Programmable Glycan Presentation of Glycodendrimersomes and Cells with Engineered Human Lectins To Show the Sugar Functionality of the Cell Surface. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14677-14681.	7.2	41
71	Searching for efficient SET-LRP systems via biphasic mixtures of water with carbonates, ethers and dipolar aprotic solvents. <i>Polymer Chemistry</i> , 2017, 8, 5865-5874.	1.9	24
72	Janus dendrimersomes coassembled from fluorinated, hydrogenated, and hybrid Janus dendrimers as models for cell fusion and fission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7045-E7053.	3.3	200

#	ARTICLE	IF	CITATIONS
73	SET-LRP mediated by TREN in biphasic water-organic solvent mixtures provides the most economical and efficient process. <i>Polymer Chemistry</i> , 2017, 8, 7559-7574.	1.9	22
74	Demonstrating the 10^8 -Helicity and Nanomechanical Function of Self-Organizable Dendronized Polymethacrylates and Polyacrylates. <i>Macromolecules</i> , 2017, 50, 5271-5284.	2.2	32
75	Ultrafast SET-LRP with Peptoid Cytostatic Drugs as Monofunctional and Bifunctional Initiators. <i>Biomacromolecules</i> , 2017, 18, 2610-2622.	2.6	14
76	Why Do Membranes of Some Unhealthy Cells Adopt a Cubic Architecture?. <i>ACS Central Science</i> , 2016, 2, 943-953.	5.3	37
77	Ultrafast SET-LRP of hydrophobic acrylates in multiphase alcohol-water mixtures. <i>Polymer Chemistry</i> , 2016, 7, 3608-3621.	1.9	40
78	Self-Sorting and Coassembly of Fluorinated, Hydrogenated, and Hybrid Janus Dendrimers into Dendrimersomes. <i>Journal of the American Chemical Society</i> , 2016, 138, 12655-12663.	6.6	83
79	Ultrafast SET-LRP in biphasic mixtures of the non-disproportionating solvent acetonitrile with water. <i>Polymer Chemistry</i> , 2016, 7, 5930-5942.	1.9	29
80	Complex Arrangement of Orthogonal Nanoscale Columns <i>via</i> a Supramolecular Orientational Memory Effect. <i>ACS Nano</i> , 2016, 10, 10480-10488.	7.3	42
81	The synergistic effect during biphasic SET-LRP in ethanol-nonpolar solvent-water mixtures. <i>Polymer Chemistry</i> , 2016, 7, 7230-7241.	1.9	27
82	Screening Libraries of Semifluorinated Arylene Bisimides to Discover and Predict Thermodynamically Controlled Helical Crystallization. <i>ACS Combinatorial Science</i> , 2016, 18, 723-739.	3.8	23
83	Hierarchical Self-Organization of Perylene Bisimides into Supramolecular Spheres and Periodic Arrays Thereof. <i>Journal of the American Chemical Society</i> , 2016, 138, 14798-14807.	6.6	56
84	Grafting of functional methacrylate polymer brushes by photoinduced SET-LRP. <i>Polymer Chemistry</i> , 2016, 7, 6934-6945.	1.9	34
85	Quantitative end-group functionalization of PNIPAM from aqueous SET-LRP <i>via in situ</i> reduction of Cu(<i>II</i>) with NaBH ₄ . <i>Polymer Chemistry</i> , 2016, 7, 4802-4809.	1.9	23
86	A multiple-stage activation of the catalytically inhomogeneous Cu(0) wire used in SET-LRP. <i>Polymer Chemistry</i> , 2016, 7, 4549-4558.	1.9	27
87	NiI(1-Naphthyl)(PCy ₃) ₂ , An Air-Stable η^5 -NiII Precatalyst for Quantitative Cross-Coupling of Aryl <i>C</i> -O Electrophiles with Aryl Neopentylglycolboronates. <i>Synthesis</i> , 2016, 48, 2808-2815.	1.2	20
88	An Indefinitely Air-Stable η^5 -NiII Precatalyst for Quantitative Cross-Coupling of Unreactive Aryl Halides and Mesylates with Aryl Neopentylglycolboronates. <i>Synthesis</i> , 2016, 48, 2795-2807.	1.2	30
89	SET-LRP of NIPAM in water <i>via in situ</i> reduction of Cu(<i>II</i>) to Cu(0) with NaBH ₄ . <i>Polymer Chemistry</i> , 2016, 7, 933-939.	1.9	46
90	Bioactive cell-like hybrids coassembled from (glyco)dendrimersomes with bacterial membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1134-41.	3.3	69

#	ARTICLE	IF	CITATIONS
91	Introduction to Frontiers in Macromolecular and Supramolecular Science: Part 1. Chemical Reviews, 2016, 116, 769-770.	23.0	4
92	Onion-like glycodendrimersomes from sequence-defined Janus glycodendrimers and influence of architecture on reactivity to a lectin. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1162-1167.	3.3	86
93	Introduction to Frontiers in Macromolecular and Supramolecular Science: Part 2. Chemical Reviews, 2016, 116, 1671-1672.	23.0	3
94	A supramolecular helix that disregards chirality. Nature Chemistry, 2016, 8, 80-89.	6.6	147
95	Characterization of Fibrous Aggregated Morphologies and Other Complex Architectures Self-Assembled from Helical Alkyne and Triazole Polycarbodiimides (<i>R</i>- and (<i>S</i>-Families in the Bulk and Thin Film. Macromolecules, 2015, 48, 4088-4103.	2.2	19
96	Columnar Liquid Crystals in Cylindrical Nanoconfinement. ACS Nano, 2015, 9, 1759-1766.	7.3	51
97	Complex Columnar Hexagonal Polymorphism in Supramolecular Assemblies of a Semifluorinated Electron-Accepting Naphthalene Bisimide. Journal of the American Chemical Society, 2015, 137, 807-819.	6.6	31
98	Dissecting Molecular Aspects of Cell Interactions Using Glycodendrimersomes with Programmable Glycan Presentation and Engineered Human Lectins. Angewandte Chemie - International Edition, 2015, 54, 4036-4040.	7.2	94
99	Synthesis of non-fouling poly[N-(2-hydroxypropyl)methacrylamide] brushes by photoinduced SET-LRP. Polymer Chemistry, 2015, 6, 4210-4220.	1.9	59
100	Aqueous SET-LRP catalyzed with in situ -generated Cu(0) demonstrates surface mediated activation and bimolecular termination. Polymer Chemistry, 2015, 6, 2084-2097.	1.9	65
101	A rational approach to activated polyacrylates and polymethacrylates by using a combination of model reactions and SET-LRP of hexafluoroisopropyl acrylate and methacrylate. Polymer Chemistry, 2015, 6, 3259-3270.	1.9	43
102	Unraveling functional significance of natural variations of a human galectin by glycodendrimersomes with programmable glycan surface. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5585-5590.	3.3	75
103	Self-organisation of dodeca-dendronized fullerene into supramolecular discs and helical columns containing a nanowire-like core. Chemical Science, 2015, 6, 3393-3401.	3.7	49
104	Increasing 3D Supramolecular Order by Decreasing Molecular Order. A Comparative Study of Helical Assemblies of Dendronized Nonchlorinated and Tetrachlorinated Perylene Bisimides. Journal of the American Chemical Society, 2015, 137, 5210-5224.	6.6	40
105	Glycodendrimersomes from Sequence-Defined Janus Glycodendrimers Reveal High Activity and Sensor Capacity for the Agglutination by Natural Variants of Human Lectins. Journal of the American Chemical Society, 2015, 137, 13334-13344.	6.6	87
106	Synthesis of amphiphilic homopolymers with high chain end functionality by SET-LRP. Journal of Polymer Science Part A, 2015, 53, 294-303.	2.5	17
107	From structure to function via complex supramolecular dendrimer systems. Chemical Society Reviews, 2015, 44, 3900-3923.	18.7	259
108	Air-Stable Nickel Precatalysts for Fast and Quantitative Cross-Coupling of Aryl Sulfamates with Aryl Neopentylglycolboronates at Room Temperature. Organic Letters, 2014, 16, 6326-6329.	2.4	56

#	ARTICLE	IF	CITATIONS
109	Synthesis of high molar mass poly(<i>n</i> -butyl acrylate) and poly(2-ethylhexyl acrylate) by SET-LRP in mixtures of fluorinated alcohols with DMSO. <i>Polymer Chemistry</i> , 2014, 5, 169-174.	1.9	40
110	Single Electron Transfer in Radical Ion and Radical-Mediated Organic, Materials and Polymer Synthesis. <i>Chemical Reviews</i> , 2014, 114, 5848-5958.	23.0	367
111	Self-activation and activation of Cu(0) wire for SET-LRP mediated by fluorinated alcohols. <i>Polymer Chemistry</i> , 2014, 5, 89-95.	1.9	54
112	SET-LRP of semifluorinated acrylates and methacrylates. <i>Polymer Chemistry</i> , 2014, 5, 5479-5491.	1.9	52
113	Copper(II)/Tertiary Amine Synergy in Photoinduced Living Radical Polymerization: Accelerated Synthesis of β -Functional and β,ω -Heterofunctional Poly(acrylates). <i>Journal of the American Chemical Society</i> , 2014, 136, 1141-1149.	6.6	336
114	Homochiral Columns Constructed by Chiral Self-Sorting During Supramolecular Helical Organization of Hat-Shaped Molecules. <i>Journal of the American Chemical Society</i> , 2014, 136, 7169-7185.	6.6	141
115	Mimicking Biological Membranes with Programmable Glycan Ligands Self-Assembled from Amphiphilic Janus Glycodendrimers. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10899-10903.	7.2	99
116	Single Amphiphilic Janus Dendrimers Self-Assemble into Uniform Dendrimersomes with Predictable Size. <i>ACS Nano</i> , 2014, 8, 1554-1565.	7.3	91
117	Self-assembly of amphiphilic Janus dendrimers into uniform onion-like dendrimersomes with predictable size and number of bilayers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9058-9063.	3.3	145
118	SET-LRP of methacrylates in fluorinated alcohols. <i>Polymer Chemistry</i> , 2013, 4, 5563.	1.9	46
119	SET-LRP of hydrophobic and hydrophilic acrylates in tetrafluoropropanol. <i>Polymer Chemistry</i> , 2013, 4, 5555.	1.9	52
120	SET-LRP of 2-hydroxyethyl acrylate in protic and dipolar aprotic solvents. <i>Polymer Chemistry</i> , 2013, 4, 2995.	1.9	51
121	From Synthetic Macromolecules to Biological-Like Complex Systems. <i>Advances in Polymer Science</i> , 2013, , 173-197.	0.4	15
122	A comparative study of the SET-LRP of oligo(ethylene oxide) methyl ether acrylate in DMSO and in H ₂ O. <i>Polymer Chemistry</i> , 2013, 4, 144-155.	1.9	119
123	Where is Cu(0) generated by disproportionation during SET-LRP?. <i>Polymer Chemistry</i> , 2013, 4, 1328.	1.9	60
124	Interrupted SET-LRP of methyl acrylate demonstrates Cu(0) colloidal particles as activating species. <i>Polymer Chemistry</i> , 2013, 4, 686-694.	1.9	75
125	Complex Adaptable Systems based on Self-Assembling Dendrimers and Dendrons: Toward Dynamic Materials. <i>Israel Journal of Chemistry</i> , 2013, 53, 30-44.	1.0	41
126	Visualization of the crucial step in SET-LRP. <i>Polymer Chemistry</i> , 2013, 4, 1635-1647.	1.9	114

#	ARTICLE	IF	CITATIONS
127	Synthesis of ultrahigh molar mass poly(2-hydroxyethyl methacrylate) by single-electron transfer living radical polymerization. <i>Polymer Chemistry</i> , 2013, 4, 2760.	1.9	59
128	SET-LRP of N-(2-hydroxypropyl)methacrylamide in H ₂ O. <i>Polymer Chemistry</i> , 2013, 4, 2424.	1.9	62
129	SET-LRP of hydrophobic and hydrophilic acrylates in trifluoroethanol. <i>Polymer Chemistry</i> , 2013, 4, 3212.	1.9	64
130	Modular Synthesis of Amphiphilic Janus Glycodendrimers and Their Self-Assembly into Glycodendrimersomes and Other Complex Architectures with Bioactivity to Biomedically Relevant Lectins. <i>Journal of the American Chemical Society</i> , 2013, 135, 9055-9077.	6.6	261
131	Transformation from Kinetically into Thermodynamically Controlled Self-Organization of Complex Helical Columns with 3D Periodicity Assembled from Dendronized Perylene Bisimides. <i>Journal of the American Chemical Society</i> , 2013, 135, 4129-4148.	6.6	98
132	Single-electron transfer living radical polymerization of oligo(ethylene oxide) methyl ether methacrylate in the absence and presence of air. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3110-3122.	2.5	41
133	Self-Assembly of Dendritic Dipeptides as a Model of Chiral Selection in Primitive Biological Systems. <i>Topics in Current Chemistry</i> , 2012, 333, 213-253.	4.0	28
134	Self-Organizable Vesicular Columns Assembled from Polymers Dendronized with Semifluorinated Janus Dendrimers Act As Reverse Thermal Actuators. <i>Journal of the American Chemical Society</i> , 2012, 134, 4408-4420.	6.6	123
135	Analysis of the Cu(0)-Catalyzed Polymerization of Methyl Acrylate in Disproportionating and Nondisproportionating Solvents. <i>Macromolecules</i> , 2012, 45, 4606-4622.	2.2	138
136	No Reduction of CuBr ₂ during Cu(0)-Catalyzed Living Radical Polymerization of Methyl Acrylate in DMSO at 25 °C. <i>Macromolecules</i> , 2012, 45, 8267-8274.	2.2	67
137	Nickel Catalyzed Cross-Coupling of Aryl C=O Based Electrophiles with Aryl Neopentylglycolboronates. <i>Journal of Organic Chemistry</i> , 2012, 77, 1018-1025.	1.7	89
138	TREN versus Me ₆ TREN as ligands in SET-LRP of methyl acrylate. <i>Journal of Polymer Science Part A</i> , 2012, 50, 35-46.	2.5	50
139	SET-LRP of methyl acrylate to complete conversion with zero termination. <i>Journal of Polymer Science Part A</i> , 2012, 50, 860-873.	2.5	120
140	trans-Chloro(1-Naphthyl)bis(triphenylphosphine)nickel(II)/PCy ₃ Catalyzed Cross-Coupling of Aryl and Heteroaryl Neopentylglycolboronates with Aryl and Heteroaryl Mesylates and Sulfamates at Room Temperature. <i>Journal of Organic Chemistry</i> , 2012, 77, 2885-2892.	1.7	66
141	Comparison of Arylboron-Based Nucleophiles in Ni-Catalyzed Suzuki-Miyaura Cross-Coupling with Aryl Mesylates and Sulfamates. <i>Journal of Organic Chemistry</i> , 2012, 77, 5956-5964.	1.7	74
142	Self-assembling supramolecular systems of different symmetry formed by wedged macromolecular dendrons. <i>Crystallography Reports</i> , 2012, 57, 151-168.	0.1	14
143	Programming the Supramolecular Helical Polymerization of Dendritic Dipeptides via the Stereochemical Information of the Dipeptide. <i>Journal of the American Chemical Society</i> , 2011, 133, 5135-5151.	6.6	82
144	Self-Repairing Complex Helical Columns Generated via Kinetically Controlled Self-Assembly of Dendronized Perylene Bisimides. <i>Journal of the American Chemical Society</i> , 2011, 133, 18479-18494.	6.6	82

#	ARTICLE	IF	CITATIONS
145	Hemicellulose-Based Multifunctional Macroinitiator for Single-Electron-Transfer Mediated Living Radical Polymerization. <i>Biomacromolecules</i> , 2011, 12, 253-259.	2.6	51
146	Nickel-Catalyzed Cross-Couplings Involving Carbon-Oxygen Bonds. <i>Chemical Reviews</i> , 2011, 111, 1346-1416.	23.0	1,212
147	Self-Assembly of Dendronized Perylene Bisimides into Complex Helical Columns. <i>Journal of the American Chemical Society</i> , 2011, 133, 12197-12219.	6.6	120
148	Predicting the Size and Properties of Dendrimersomes from the Lamellar Structure of Their Amphiphilic Janus Dendrimers. <i>Journal of the American Chemical Society</i> , 2011, 133, 20507-20520.	6.6	165
149	Transfer, Amplification, and Inversion of Helical Chirality Mediated by Concerted Interactions of C ₃ -Supramolecular Dendrimers. <i>Journal of the American Chemical Society</i> , 2011, 133, 2311-2328.	6.6	100
150	Guest Editorial: Origin, Transfer, and Amplification of Chirality. <i>Israel Journal of Chemistry</i> , 2011, 51, 989-989.	1.0	2
151	Liquid Quasicrystals. <i>Israel Journal of Chemistry</i> , 2011, 51, 1206-1215.	1.0	57
152	Why Are Biological Systems Homochiral?. <i>Israel Journal of Chemistry</i> , 2011, 51, 1107-1117.	1.0	41
153	Ni(COD) ₂ /PCy ₃ Catalyzed Cross-Coupling of Aryl and Heteroaryl Neopentylglycolboronates with Aryl and Heteroaryl Mesylates and Sulfamates in THF at Room Temperature. <i>Journal of Organic Chemistry</i> , 2011, 76, 9946-9955.	1.7	88
154	Improving the initiation efficiency in the single electron transfer living radical polymerization of methyl acrylate with electronic chain-end mimics. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1235-1247.	2.5	54
155	Disproportionating versus nondisproportionating solvent effect in the SET-MLRP of methyl acrylate during catalysis with nonactivated and activated Cu(0) wire. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4227-4240.	2.5	76
156	Acid dissolution of copper oxides as a method for the activation of Cu(0) wire catalyst for SET-MLRP. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4241-4252.	2.5	68
157	SET-MLRP of methyl acrylate catalyzed with activated Cu(0) wire in methanol in the presence of air. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4756-4765.	2.5	90
158	Neopentylglycolborylation of ortho-Substituted Aryl Halides Catalyzed by NiCl ₂ -Based Mixed-Ligand Systems. <i>Journal of Organic Chemistry</i> , 2010, 75, 5438-5452.	1.7	71
159	Deconstruction as a Strategy for the Design of Libraries of Self-Assembling Dendrons. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7002-7005.	7.2	64
160	SET-MLRP of vinyl chloride initiated with CHBr ₃ and catalyzed by Cu(0) wire/TREN in DMSO at 25 °C. <i>Journal of Polymer Science Part A</i> , 2010, 48, 164-172.	2.5	93
161	Mimicking nascent-Cu(0) mediated SET-MLRP of methyl acrylate in DMSO leads to complete conversion in several minutes. <i>Journal of Polymer Science Part A</i> , 2010, 48, 403-409.	2.5	124
162	SET-MLRP of acrylates in air. <i>Journal of Polymer Science Part A</i> , 2010, 48, 1190-1196.	2.5	143

#	ARTICLE	IF	CITATIONS
163	SET-DRP of <i>N,N</i> -dimethylacrylamide and of <i>N</i> -isopropylacrylamide at 25 °C in protic and in dipolar aprotic solvents. Journal of Polymer Science Part A, 2010, 48, 1752-1763.	2.5	173
164	SET-DRP of methyl methacrylate initiated with sulfonyl halides. Journal of Polymer Science Part A, 2010, 48, 2236-2242.	2.5	81
165	SET-DRP of methyl methacrylate initiated with CCl ₄ in the presence and absence of air. Journal of Polymer Science Part A, 2010, 48, 2243-2250.	2.5	126
166	Synthesis of well-defined photoresist materials by SET-DRP. Journal of Polymer Science Part A, 2010, 48, 2251-2255.	2.5	46
167	Disassembly via an environmentally friendly and efficient fluorine phase constructed with dendritic architectures. Journal of Polymer Science Part A, 2010, 48, 2498-2508.	2.5	29
168	Immortal SET-DRP mediated by Cu(0) wire. Journal of Polymer Science Part A, 2010, 48, 2716-2721.	2.5	92
169	Copolymerization of methacrylic acid with methyl methacrylate by SET-DRP. Journal of Polymer Science Part A, 2010, 48, 4884-4888.	2.5	73
170	SET-DRP of MMA in acetic acid. Journal of Polymer Science Part A, 2010, 48, 4889-4893.	2.5	77
171	Dramatic acceleration of SET-DRP of methyl acrylate during catalysis with activated Cu(0) wire. Journal of Polymer Science Part A, 2010, 48, 5109-5119.	2.5	152
172	Recasting Metal Alloy Phases with Block Copolymers. Science, 2010, 330, 333-334.	6.0	44
173	Self-Assembly of Hybrid Dendrons into Doubly Segregated Supramolecular Polyhedral Columns and Vesicles. Journal of the American Chemical Society, 2010, 132, 11288-11305.	6.6	70
174	Zero-Valent Metals Accelerate the Neopentylglycolborylation of Aryl Halides Catalyzed by NiCl ₂ -Based Mixed-Ligand Systems. Journal of Organic Chemistry, 2010, 75, 7822-7828.	1.7	61
175	Neopentylglycolborylation of Aryl Mesylates and Tosylates Catalyzed by Ni-Based Mixed-Ligand Systems Activated with Zn. Journal of the American Chemical Society, 2010, 132, 1800-1801.	6.6	148
176	Self-Assembly of Janus Dendrimers into Uniform Dendrimersomes and Other Complex Architectures. Science, 2010, 328, 1009-1014.	6.0	654
177	Proton Transport from Dendritic Helical-Pore-Incorporated Polymersomes. Advanced Functional Materials, 2009, 19, 2930-2936.	7.8	40
178	Elucidating the Structure of the <i>Pm</i> 3 Cubic Phase of Supramolecular Dendrimers through the Modification of their Aliphatic to Aromatic Volume Ratio. Chemistry - A European Journal, 2009, 15, 8994-9004.	1.7	51
179	Synthesis of the four-arm star block copolymer [PVC- <i>b</i> -PBA-CH(CH ₃)CO ₂ CH ₂] ₄ by SET-DRP initiated from a tetrafunctional initiator. Journal of Polymer Science Part A, 2009, 47, 628-634.		28
180	Synthesis of <i>di</i> (iodo)PVC and of four-arm star PVC with identical active chain ends by SET-DRP of VC initiated with bifunctional and tetrafunctional initiators. Journal of Polymer Science Part A, 2009, 47, 635-652.	2.5	29

#	ARTICLE	IF	CITATIONS
181	Synthesis of dendritic macromolecules through divergent iterative thioâ€bromo â€œClickâ€-chemistry and SETâ€LRP. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3940-3948.	2.5	220
182	Synthesis of dendrimers through divergent iterative thioâ€bromo â€œClickâ€-chemistry. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3931-3939.	2.5	214
183	Dendronized supramolecular polymers selfâ€assembled from dendritic ionic liquids. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4165-4193.	2.5	58
184	SETâ€LRP of vinyl chloride initiated with CHBr_3 in DMSO at 25 Â°C. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4130-4140.	2.5	64
185	Synthesis of poly(2â€methoxyethyl acrylate) by single electron transferâ€Degenerative transfer living radical polymerization catalyzed by $\text{Na}_2\text{S}_2\text{O}_4$ in water. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4454-4463.	2.5	28
186	New efficient reaction media for SETâ€LRP produced from binary mixtures of organic solvents and H_2O . <i>Journal of Polymer Science Part A</i> , 2009, 47, 5577-5590.	2.5	174
187	Cooperative and synergistic solvent effects in SETâ€LRP of MA. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5591-5605.	2.5	128
188	The disproportionation of Cu(I)X mediated by ligand and solvent into Cu(0) and Cu(II)X_2 and its implications for SETâ€LRP. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5606-5628.	2.5	188
189	The effect of ligand on the rate of propagation of Cu(0) -wire catalyzed SETâ€LRP of MA in DMSO at 25 Â°C. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5629-5638.	2.5	65
190	Synthesis of high glass transition temperature copolymers based on poly(vinyl chloride) via single electron transferâ€Degenerative chain transfer mediated living radical polymerization (SETâ€TLRP) of vinyl chloride in water. <i>Journal of Polymer Science Part A</i> , 2009, 47, 7021-7031.	2.5	17
191	Surface-Dependent Kinetics of Cu(0) -Wire-Catalyzed Single-Electron Transfer Living Radical Polymerization of Methyl Acrylate in DMSO at 25 Â°C. <i>Macromolecules</i> , 2009, 42, 2379-2386.	2.2	236
192	Neopentylglycolborylation of Aryl Chlorides Catalyzed by the Mixed Ligand System $\text{NiCl}_2(\text{dppp})/\text{dppf}$. <i>Organic Letters</i> , 2009, 11, 4974-4977.	2.4	70
193	Self-Assembly of Dendronized Triphenylenes into Helical Pyramidal Columns and Chiral Spheres. <i>Journal of the American Chemical Society</i> , 2009, 131, 7662-7677.	6.6	169
194	Introduction to Frontiers in Polymer Synthesis. <i>Chemical Reviews</i> , 2009, 109, 4961-4962.	23.0	23
195	Dendron-Mediated Self-Assembly, Disassembly, and Self-Organization of Complex Systems. <i>Chemical Reviews</i> , 2009, 109, 6275-6540.	23.0	1,131
196	Predicting the Structure of Supramolecular Dendrimers via the Analysis of Libraries of AB_3 and Constitutional Isomeric AB_2 Biphenylpropyl Ether Self-Assembling Dendrons. <i>Journal of the American Chemical Society</i> , 2009, 131, 17500-17521.	6.6	165
197	Selfâ€Assembling Dendronized Dendrimers. <i>Israel Journal of Chemistry</i> , 2009, 49, 55-70.	1.0	26
198	Single-Electron Transfer and Single-Electron Transfer Degenerative Chain Transfer Living Radical Polymerization. <i>Chemical Reviews</i> , 2009, 109, 5069-5119.	23.0	847

#	ARTICLE	IF	CITATIONS
199	Self-Assembly of Dendritic Crowns into Chiral Supramolecular Spheres. <i>Journal of the American Chemical Society</i> , 2009, 131, 1294-1304.	6.6	158
200	Functionally terminated poly(methyl acrylate) by SET- CLRP initiated with CHBr_3 and CHI_3 . <i>Journal of Polymer Science Part A</i> , 2008, 46, 278-288.	2.5	87
201	Synthesis of poly(ethyl acrylate) by single electron transfer- degenerative chain transfer living radical polymerization in water catalyzed by $\text{Na}_2\text{S}_2\text{O}_4$. <i>Journal of Polymer Science Part A</i> , 2008, 46, 421-432.	2.5	26
202	Ultrafast SET- CLRP of methyl acrylate at 25 $^\circ\text{C}$ in alcohols. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2745-2754.	2.5	208
203	SET- CLRP of acrylates in the presence of radical inhibitors. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3174-3181.	2.5	77
204	Alkyl chloride initiators for SET- CLRP of methyl acrylate. <i>Journal of Polymer Science Part A</i> , 2008, 46, 4917-4926.	2.5	74
205	Editorial announcement: DSM Performance Materials Award 2008 for Craig J. Hawker. <i>Journal of Polymer Science Part A</i> , 2008, 46, xxiv.	2.5	0
206	Implications of monomer and initiator structure on the dissociative electron-transfer step of SET- CLRP . <i>Journal of Polymer Science Part A</i> , 2008, 46, 5663-5697.	2.5	107
207	Influence of the isomeric structures of butyl acrylate on its single-electron transfer- degenerative chain transfer living radical polymerization in water Catalyzed by $\text{Na}_2\text{S}_2\text{O}_4$. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6542-6551.	2.5	38
208	A comparative analysis of SET- CLRP of MA in solvents mediating different degrees of disproportionation of Cu(I)Br . <i>Journal of Polymer Science Part A</i> , 2008, 46, 6880-6895.	2.5	134
209	Nanomechanical Function Made Possible by Suppressing Structural Transformations of Polyarylacetylenes. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 1759-1768.	1.1	58
210	Thixotropic Twin-Dendritic Organogelators. <i>Chemistry - A European Journal</i> , 2008, 14, 909-918.	1.7	61
211	Supramolecular Structural Diversity among First-Generation Hybrid Dendrimers and Twin Dendrons. <i>Chemistry - A European Journal</i> , 2008, 14, 3355-3362.	1.7	45
212	Two-Step, One-Pot Ni-Catalyzed Neopentylglycolborylation and Complementary Pd/Ni-Catalyzed Cross-Coupling with Aryl Halides, Mesylates, and Tosylates. <i>Organic Letters</i> , 2008, 10, 4879-4882.	2.4	95
213	Sequential Ni-Catalyzed Borylation and Cross-Coupling of Aryl Halides via in Situ Prepared Neopentylglycolborane. <i>Organic Letters</i> , 2008, 10, 2597-2600.	2.4	108
214	Effect of Cu(0) Particle Size on the Kinetics of SET-LRP in DMSO and Cu-Mediated Radical Polymerization in MeCN at 25 $^\circ\text{C}$. <i>Macromolecules</i> , 2008, 41, 8365-8371.	2.2	187
215	Solvent Choice Differentiates SET-LRP and Cu-Mediated Radical Polymerization with Non-First-Order Kinetics. <i>Macromolecules</i> , 2008, 41, 8360-8364.	2.2	237
216	Molecular Structure of Helical Supramolecular Dendrimers. <i>Journal of the American Chemical Society</i> , 2008, 130, 14840-14852.	6.6	130

#	ARTICLE	IF	CITATIONS
217	Induced Helical Backbone Conformations of Self-Organizable Dendronized Polymers. <i>Accounts of Chemical Research</i> , 2008, 41, 1641-1652.	7.6	391
218	Hollow Spherical Supramolecular Dendrimers. <i>Journal of the American Chemical Society</i> , 2008, 130, 13079-13094.	6.6	113
219	Nanomechanical Function from Self-Organizable Dendronized Helical Polyphenylacetylenes. <i>Journal of the American Chemical Society</i> , 2008, 130, 7503-7508.	6.6	224
220	Long-range electron transport in a self-organizing n-type organic material. <i>Applied Physics Letters</i> , 2008, 92, 113312.	1.5	27
221	Helical Pores Self-Assembled from Homochiral Dendritic Dipeptides Based on L-Tyr and Nonpolar D-Ala Amino Acids. <i>Journal of the American Chemical Society</i> , 2007, 129, 5992-6002.	6.6	81
222	Helical chirality in dendronized polyarylacetylenes. <i>New Journal of Chemistry</i> , 2007, 31, 1083.	1.4	114
223	Expanding the Structural Diversity of Self-Assembling Dendrons and Supramolecular Dendrimers via Complex Building Blocks. <i>Journal of the American Chemical Society</i> , 2007, 129, 11265-11278.	6.6	146
224	Selective Transport of Water Mediated by Porous Dendritic Dipeptides. <i>Journal of the American Chemical Society</i> , 2007, 129, 11698-11699.	6.6	160
225	Self-Assembly of Semifluorinated Minidendrons Attached to Electron-Acceptor Groups into Pyramidal Columns. <i>Chemistry - A European Journal</i> , 2007, 13, 3330-3345.	1.7	74
226	Self-Assembly of Hybrid Dendrons with Complex Primary Structure Into Functional Helical Pores. <i>Chemistry - A European Journal</i> , 2007, 13, 3989-4007.	1.7	52
227	Self-Assembling Phenylpropyl Ether Dendronized Helical Polyphenylacetylenes. <i>Chemistry - A European Journal</i> , 2007, 13, 9572-9581.	1.7	81
228	A comparative computational study of the homolytic and heterolytic bond dissociation energies involved in the activation step of ATRP and SET-LRP of vinyl monomers. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1607-1618.	2.5	101
229	Kinetic simulation of single electron transfer "living radical polymerization of methyl acrylate at 25 °C. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1835-1847.	2.5	123
230	Synthesis, structural, and retrostructural analysis of helical dendronized poly(1-naphthylacetylene)s. <i>Journal of Polymer Science Part A</i> , 2007, 45, 4974-4987.	2.5	58
231	Synthesis of perfectly bifunctional polyacrylates by single electron transfer living radical polymerization. <i>Journal of Polymer Science Part A</i> , 2007, 45, 4684-4695.	2.5	141
232	A density functional theory computational study of the role of ligand on the stability of Cu ^I and Cu ^{II} species associated with ATRP and SET-LRP. <i>Journal of Polymer Science Part A</i> , 2007, 45, 4950-4964.	2.5	138
233	A reaction to stress. <i>Nature</i> , 2007, 446, 381-382.	13.7	77
234	Structure of gyroid mesophase formed by monodendrons with fluorinated alkyl tails. <i>Polymer Science - Series A</i> , 2007, 49, 158-167.	0.4	33

#	ARTICLE	IF	CITATIONS
235	AFM Visualization of Individual and Periodic Assemblies of a Helical Dendronized Polyphenylacetylene on Graphite. <i>Macromolecules</i> , 2006, 39, 7342-7351.	2.2	55
236	Bioinspired supramolecular liquid crystals. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2006, 364, 2709-2719.	1.6	64
237	Self-Assembly in Action. <i>Science</i> , 2006, 313, 55-56.	6.0	96
238	Solvent Controlled Self-Assembly at the Liquid-Solid Interface Revealed by STM. <i>Journal of the American Chemical Society</i> , 2006, 128, 317-325.	6.6	200
239	Steric Communication of Chiral Information Observed in Dendronized Polyacetylenes. <i>Journal of the American Chemical Society</i> , 2006, 128, 16365-16372.	6.6	166
240	Self-Assembly, Structural, and Retrostructural Analysis of Dendritic Dipeptide Pores Undergoing Reversible Circular to Elliptical Shape Change. <i>Journal of the American Chemical Society</i> , 2006, 128, 6713-6720.	6.6	96
241	Supramolecular chemistry at the liquid/solid interface probed by scanning tunnelling microscopy. <i>International Journal of Nanotechnology</i> , 2006, 3, 462.	0.1	14
242	Single electron transfer—degenerative chain transfer living radical polymerization of N-butyl acrylate catalyzed by Na ₂ S ₂ O ₄ in water media. <i>Journal of Polymer Science Part A</i> , 2006, 44, 2809-2825.	2.5	51
243	Synthesis of poly(vinyl chloride)-b-poly(n-butyl acrylate)-b-poly(vinyl chloride) by the competitive single-electron-transfer/degenerative-chain-transfer-mediated living radical polymerization in water. <i>Journal of Polymer Science Part A</i> , 2006, 44, 3001-3008.	2.5	63
244	Ultrafast Synthesis of Ultrahigh Molar Mass Polymers by Metal-Catalyzed Living Radical Polymerization of Acrylates, Methacrylates, and Vinyl Chloride Mediated by SET at 25 °C. <i>Journal of the American Chemical Society</i> , 2006, 128, 14156-14165.	6.6	1,088
245	Synthesis and Retrostructural Analysis of Libraries of AB ₃ and Constitutional Isomeric AB ₂ Phenylpropyl Ether-Based Supramolecular Dendrimers. <i>Journal of the American Chemical Society</i> , 2006, 128, 3324-3334.	6.6	154
246	Self-Assembly of Semifluorinated Dendrons Attached to Electron-Donor Groups Mediates Their π -Stacking via a Helical Pyramidal Column. <i>Chemistry - A European Journal</i> , 2006, 12, 6298-6314.	1.7	116
247	Synthesis, Structural Analysis, and Visualization of a Library of Dendronized Polyphenylacetylenes. <i>Chemistry - A European Journal</i> , 2006, 12, 5731-5746.	1.7	66
248	Exploring and Expanding the Structural Diversity of Self-Assembling Dendrons through Combinations of AB, Constitutional Isomeric AB ₂ , and AB ₃ Biphenyl-4-Methyl Ether Building Blocks. <i>Chemistry - A European Journal</i> , 2006, 12, 6216-6241.	1.7	88
249	Principles of self-assembly of helical pores from dendritic dipeptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2518-2523.	3.3	126
250	Independent Electrocyclization and Oxidative Chain Cleavage along the Backbone of cis-Poly(phenylacetylene). <i>Macromolecules</i> , 2005, 38, 7241-7250.	2.2	78
251	Self-Assembly of Semifluorinated Janus-Dendritic Benzamides into Bilayered Pyramidal Columns. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4739-4745.	7.2	158
252	The Internal Structure of Helical Pores Self-Assembled from Dendritic Dipeptides is Stereochemically Programmed and Allosterically Regulated. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6516-6521.	7.2	72

#	ARTICLE	IF	CITATIONS
253	Single-electron-transfer/degenerative-chain-transfer mediated living radical polymerization of vinyl chloride catalyzed by thiourea dioxide/octyl viologen in water/tetrahydrofuran at 25 Å°C. Journal of Polymer Science Part A, 2005, 43, 287-295.	2.5	33
254	Arenesulfonyl bromides: The second universal class of functional initiators for the metal-catalyzed living radical polymerization of methacrylates, acrylates, and styrenes. Journal of Polymer Science Part A, 2005, 43, 319-330.	2.5	35
255	Single electron transfer-degenerative chain transfer mediated living radical polymerization (SET-DTLRP) of vinyl chloride initiated with methylene iodide and catalyzed by sodium dithionite. Journal of Polymer Science Part A, 2005, 43, 773-778.	2.5	41
256	Phase transfer catalyzed single electron transfer-degenerative chain transfer mediated living radical polymerization (PTC-SET-DTLRP) of vinyl chloride catalyzed by sodium dithionite and initiated with iodoform in water at 43 Å°C. Journal of Polymer Science Part A, 2005, 43, 779-788.	2.5	39
257	Synthesis of poly(methyl methacrylate)-b-poly(vinyl chloride)-b-poly(methyl methacrylate) block copolymers by CuCl/2,2'-bipyridine-catalyzed living radical block copolymerization initiated from ?,?-di(iodo)poly(vinyl chloride) prepared by single-electron-transfer/degenerative-chain-transfer mediated living radical polymerization. Journal of Polymer Science Part A, 2005, 43, 1478-1486.	2.5	44
258	Functionalization of the active chain ends of poly(vinyl chloride) obtained by single-electron-transfer/degenerative-chain-transfer mediated living radical polymerization: Synthesis of telechelic ?,?-di(hydroxy)poly(vinyl chloride). Journal of Polymer Science Part A, 2005, 43, 1255-1260.	2.5	30
259	Catalytic effect of dimethyl sulfoxide in the Cu(0)/tris(2-dimethylaminoethyl)amine-catalyzed living radical polymerization of methyl methacrylate at 0-90 ;1/2C initiated with CH3CHCl as a model compound for ?,?-di(iodo)poly(vinyl chloride) chain ends. Journal of Polymer Science Part A, 2005, 43, 1935-1947.	2.5	25
260	Ultrafast synthesis of poly(methyl methacrylate)-b-poly(vinyl chloride)-b-poly(methyl methacrylate) block copolymers by the Cu(0)/tris(2-dimethylaminoethyl)amine-catalyzed living radical block copolymerization of methyl methacrylate initiated with ?,?-di(iodo)poly(vinyl chloride) in the presence of dimethyl sulfoxide at 25 ;1/2C. Journal of Polymer Science Part A, 2005, 43, 1660-1669.	2.5	40
261	Accelerated synthesis of poly(methyl methacrylate)-b-poly(vinyl chloride)-b-poly(methyl methacrylate) block copolymers by the CuCl/tris(2-dimethylaminoethyl)amine-catalyzed living radical block copolymerization of methyl methacrylate initiated with ?,?-di(iodo)poly(vinyl chloride) in dimethyl sulfoxide at 90 ;1/2C. Journal of Polymer Science Part A, 2005, 43, 1649-1659.	2.5	39
262	Synthesis of ultrahigh molar mass, structural defects free poly(vinyl chloride) with high syndiotacticity and glass transition temperature by single electron transfer-degenerative chain transfer living radical polymerization (SET-DTLRP). Journal of Polymer Science Part A, 2005, 43, 2185-2187.	2.5	37
263	Synthesis of poly(vinyl chloride)-b-poly(2-ethylhexyl acrylate)-b-poly(vinyl chloride) by the competitive single-electron-transfer/degenerative-chain-transfer mediated living radical polymerization of vinyl chloride initiated from ?,?-di(iodo)poly(2-ethylhexyl acrylate) and catalyzed with sodium dithionite in water. Journal of Polymer Science Part A, 2005, 43, 2276-2280.	2.5	41
264	Ultrafast single-electron-transfer/degenerative-chain-transfer mediated living radical polymerization of acrylates initiated with iodoform in water at room temperature and catalyzed by sodium dithionite. Journal of Polymer Science Part A, 2005, 43, 2178-2184.	2.5	42
265	Ultrafast synthesis of poly(methyl acrylate) and poly(methyl acrylate)-b-poly(vinyl chloride) by single electron transfer-degenerative chain transfer mediated living radical polymerization and block copolymerization of methyl acrylate initiated with 1,1-chloroiodoethane and ?,?-Di(iodo)poly(vinyl chloride) in dimethyl sulfoxide. Journal of Polymer Science Part A, 2005, 43, 1848-1854.	2.5	46
266	Arenesulfonyl iodides: The third universal class of functional initiators for the metal-catalyzed living radical polymerization of methacrylates and styrenes. Journal of Polymer Science Part A, 2005, 43, 3920-3931.	2.5	33
267	Accelerated iterative strategy for the divergent synthesis of dendritic macromolecules using a combination of living radical polymerization and an irreversible terminator multifunctional initiator. Journal of Polymer Science Part A, 2005, 43, 4894-4906.	2.5	84
268	N-chloro amides, lactams, carbamates, and imides. New classes of initiators for the metal-catalyzed living radical polymerization of methacrylates. Journal of Polymer Science Part A, 2005, 43, 5283-5299.	2.5	39
269	Catalytic effect of ionic liquids in the Cu2O/2,2'-bipyridine catalyzed living radical polymerization of methyl methacrylate initiated with arenesulfonyl chlorides. Journal of Polymer Science Part A, 2005, 43, 5609-5619.	2.5	65
270	Helical Porous Protein Mimics Self-Assembled from Amphiphilic Dendritic Dipeptides. Australian Journal of Chemistry, 2005, 58, 472.	0.5	47

#	ARTICLE	IF	CITATIONS
271	Programming the Internal Structure and Stability of Helical Pores Self-Assembled from Dendritic Dipeptides via the Protective Groups of the Peptide. <i>Journal of the American Chemical Society</i> , 2005, 127, 17902-17909.	6.6	108
272	Diminished Helical Character in Para-Substituted Cis-Transoidal Polyphenylacetylenes Due to Intramolecular Cyclization. <i>Macromolecules</i> , 2005, 38, 7205-7206.	2.2	30
273	Thermoreversible Cis \rightarrow Cisoidal to Cis \rightarrow Transoidal Isomerization of Helical Dendronized Polyphenylacetylenes. <i>Journal of the American Chemical Society</i> , 2005, 127, 15257-15264.	6.6	218
274	Supramolecular dendritic liquid quasicrystals. <i>Nature</i> , 2004, 428, 157-160.	13.7	585
275	Self-assembly of amphiphilic dendritic dipeptides into helical pores. <i>Nature</i> , 2004, 430, 764-768.	13.7	613
276	Toward self-assembling dendritic macromolecules from conventional monomers by a combination of living radical polymerization and irreversible terminator multifunctional initiator. <i>Journal of Polymer Science Part A</i> , 2004, 42, 505-513.	2.5	117
277	Non-transition metal-catalyzed living radical polymerization of vinyl chloride initiated with iodoform in water at 25 $\text{\AA}^{\circ}\text{C}$. <i>Journal of Polymer Science Part A</i> , 2004, 42, 6267-6282.	2.5	112
278	Acceleration of the single electron transfer-degenerative chain transfer mediated living radical polymerization (SET-DTLRP) of vinyl chloride in water at 25 $\text{\AA}^{\circ}\text{C}$. <i>Journal of Polymer Science Part A</i> , 2004, 42, 6364-6374.	2.5	66
279	NiCl ₂ (dppe)-Catalyzed Cross-Coupling of Aryl Mesylates, Arenesulfonates, and Halides with Arylboronic Acids. <i>ChemInform</i> , 2004, 35, no.	0.1	0
280	Expression of Molecular Chirality and Two-Dimensional Supramolecular Self-Assembly of Chiral, Racemic, and Achiral Monodendrons at the Liquid \rightarrow Solid Interface. <i>Langmuir</i> , 2004, 20, 7678-7685.	1.6	40
281	Designing Libraries of First Generation AB ₃ and AB ₂ Self-Assembling Dendrons via the Primary Structure Generated from Combinations of (AB) ₂ and (AB) ₃ Building Blocks. <i>Journal of the American Chemical Society</i> , 2004, 126, 6078-6094.	6.6	200
282	NiCl ₂ (dppe)-Catalyzed Cross-Coupling of Aryl Mesylates, Arenesulfonates, and Halides with Arylboronic Acids. <i>Journal of Organic Chemistry</i> , 2004, 69, 3447-3452.	1.7	223
283	Hierarchical Self-Assembly, Coassembly, and Self-Organization of Novel Liquid Crystalline Lattices and Superlattices from a Twin-Tapered Dendritic Benzamide and Its Four-Cylinder-Bundle Supramolecular Polymer. <i>Chemistry - A European Journal</i> , 2003, 9, 921-935.	1.7	112
284	Transformation of a Spherical Supramolecular Dendrimer into a Pyramidal Columnar Supramolecular Dendrimer Mediated by the Fluorophobic Effect. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4338-4342.	7.2	127
285	Cover Picture: Transformation of a Spherical Supramolecular Dendrimer into a Pyramidal Columnar Supramolecular Dendrimer Mediated by the Fluorophobic Effect (<i>Angew. Chem. Int. Ed.</i> 36/2003). <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4269-4269.	7.2	1
286	Living radical polymerization of vinyl chloride initiated with iodoform and catalyzed by nascent Cu ₀ /tris(2-aminoethyl)amine or polyethyleneimine in water at 25 $\text{\AA}^{\circ}\text{C}$ proceeds by a new competing pathways mechanism. <i>Journal of Polymer Science Part A</i> , 2003, 41, 3283-3299.	2.5	214
287	Catalyst hunt accelerates. <i>Nature</i> , 2003, 424, 135-136.	13.7	5
288	Universal Iterative Strategy for the Divergent Synthesis of Dendritic Macromolecules from Conventional Monomers by a Combination of Living Radical Polymerization and Irreversible TERminator Multifunctional INitiator (TERMINI). <i>Journal of the American Chemical Society</i> , 2003, 125, 6503-6516.	6.6	202

#	ARTICLE	IF	CITATIONS
289	Supramolecular Assembly of Dendritic Polymers Elucidated by ¹ H and ¹³ C Solid-State MAS NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2003, 125, 13284-13297.	6.6	106
290	Giant Supramolecular Liquid Crystal Lattice. <i>Science</i> , 2003, 299, 1208-1211.	6.0	412
291	Apparent tricritical behavior at a nearly second-order nematic-isotropic phase transition of a cyclic liquid crystalline trimer. <i>Physical Review E</i> , 2003, 67, 011704.	0.8	14
292	Grazing-incidence x-ray diffraction study of Langmuir films of amphiphilic monodendrons. <i>Physical Review E</i> , 2003, 67, 021601.	0.8	9
293	Application of Isomorphous Replacement in the Structure Determination of a Cubic Liquid Crystal Phase and Location of Counterions. <i>Journal of the American Chemical Society</i> , 2003, 125, 15974-15980.	6.6	97
294	Charge transport in hexagonal columnar liquid crystals self-organized from supramolecular cylinders based on acene-functionalized dendrons. <i>Physical Review B</i> , 2003, 67, .	1.1	34
295	Electronic transport in self-organizing columnar phases. , 2003, , .		1
296	Elastic properties of hexagonal columnar mesophase self-organized from amphiphilic supramolecular columns. <i>Applied Physics Letters</i> , 2002, 80, 395-397.	1.5	25
297	Plastic- and liquid-crystalline architectures from dendritic receptor molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5093-5098.	3.3	31
298	Phase Behaviors and Molecular and Supramolecular Structural Identifications of a Liquid Crystalline Second Generation Monodendron. <i>Chemistry of Materials</i> , 2002, 14, 2384-2392.	3.2	8
299	Interrelationships of Nanometer and Subnanometer Structures in a Polynorbornene Containing Second Generation Liquid-Crystalline Monodendrons as Side Groups. <i>Macromolecules</i> , 2002, 35, 9426-9433.	2.2	11
300	Aqueous Room Temperature Metal-Catalyzed Living Radical Polymerization of Vinyl Chloride. <i>Journal of the American Chemical Society</i> , 2002, 124, 4940-4941.	6.6	412
301	Cell Membrane as a Model for the Design of Ion-Active Nanostructured Supramolecular Systems. <i>Biomacromolecules</i> , 2002, 3, 167-181.	2.6	24
302	A New Strategy for the Preparation of Supramolecular Neutral Hydrogels. <i>Biomacromolecules</i> , 2002, 3, 272-279.	2.6	44
303	Surface Order in Thin Films of Self-Assembled Columnar Liquid Crystals. <i>Macromolecules</i> , 2002, 35, 3717-3721.	2.2	51
304	Exploring and Expanding the Three-Dimensional Structural Diversity of Supramolecular Dendrimers with the Aid of Libraries of Alkali Metals of Their AB ₃ Minidendritic Carboxylates. <i>Chemistry - A European Journal</i> , 2002, 8, 1106.	1.7	111
305	Synthesis and NaOTf Mediated Self-Assembly of Monodendritic Crown Ethers. <i>Chemistry - A European Journal</i> , 2002, 8, 2011.	1.7	91
306	Metal-catalyzed living radical graft copolymerization of butyl methacrylate and styrene initiated from the structural Defects of narrow molecular weight distribution poly(vinyl chloride). <i>Macromolecular Chemistry and Physics</i> , 2002, 203, 1674-1683.	1.1	45

#	ARTICLE	IF	CITATIONS
307	Dramatic decrease of the cis content and molecular weight of cis-transoidal polyphenylacetylene at 23 Å°C in solutions prepared in air. <i>Journal of Polymer Science Part A</i> , 2002, 40, 3212-3220.	2.5	61
308	Synthesis, structural analysis, and visualization of poly(2-ethynyl-9-substituted carbazole)s and poly(3-ethynyl-9-substituted carbazole)s containing chiral and achiral minidendritic substituents. <i>Journal of Polymer Science Part A</i> , 2002, 40, 3509-3533.	2.5	158
309	Cell membrane as a model for the design of semifluorinated ion-selective nanostructured supramolecular systems. <i>Tetrahedron</i> , 2002, 58, 4031-4040.	1.0	32
310	Self-organization of supramolecular helical dendrimers into complex electronic materials. <i>Nature</i> , 2002, 419, 384-387.	13.7	938
311	Self-Inhibition of Propagating Carbenes in ROMP of 7-Oxa-bicyclo[2.2.1]hept-2-ene-5,6-dicarboxylic Acid Dendritic Diesters Initiated with Ru(CHPh)Cl ₂ (PCy ₃)(1,3-dimesityl-4,5-dihydroimidazol-2-ylidene). <i>Macromolecules</i> , 2001, 34, 3842-3848.	2.2	31
312	Introduction: Frontiers in Polymer Chemistry. <i>Chemical Reviews</i> , 2001, 101, 3579-3580.	23.0	23
313	Synthesis of Functional Aromatic Multisulfonyl Chlorides and Their Masked Precursors. <i>Journal of Organic Chemistry</i> , 2001, 66, 2104-2117.	1.7	101
314	Poly(oxazolines)s with Tapered Minidendritic Side Groups. The Simplest Cylindrical Models To Investigate the Formation of Two-Dimensional and Three-Dimensional Order by Direct Visualization. <i>Biomacromolecules</i> , 2001, 2, 706-728.	2.6	68
315	Poly(Oxazoline)s with Tapered Minidendritic Side Groups as Models for the Design of Synthetic Macromolecules with Tertiary Structure. A Demonstration of the Limitations of Living Polymerization in the Design of 3-D Structures Based on Single Polymer Chains. <i>Biomacromolecules</i> , 2001, 2, 729-740.	2.6	62
316	Metal Catalyzed Living Radical Polymerization of Acrylonitrile Initiated with Sulfonyl Chlorides. <i>Macromolecules</i> , 2001, 34, 8626-8636.	2.2	95
317	Morphologies and Energies of N _A Inversion Wall Defects in a Liquid Crystal Polyether. <i>Macromolecules</i> , 2001, 34, 6658-6669.	2.2	16
318	X-ray Reflectivity Study of Langmuir Films of Amphiphilic Monodendrons. <i>Journal of Physical Chemistry B</i> , 2001, 105, 2170-2176.	1.2	35
319	Synthesis and Structural Analysis of Two Constitutional Isomeric Libraries of AB ₂ -Based Monodendrons and Supramolecular Dendrimers. <i>Journal of the American Chemical Society</i> , 2001, 123, 1302-1315.	6.6	305
320	Electrostatic-field-induced chain alignment of liquid crystalline copolyether TPP thin films. <i>Polymer</i> , 2001, 42, 4039-4044.	1.8	2
321	From metal-catalyzed radical telomerization to metal-catalyzed radical polymerization of vinyl chloride: Toward living radical polymerization of vinyl chloride. <i>Journal of Polymer Science Part A</i> , 2001, 39, 3392-3418.	2.5	114
322	Metal-catalyzed living radical graft copolymerization of olefins initiated from the structural defects of poly(vinyl chloride). <i>Journal of Polymer Science Part A</i> , 2001, 39, 1120-1135.	2.5	85
323	Definitive Support by Transmission Electron Microscopy, Electron Diffraction, and Electron Density Maps for the Formation of a BCC Lattice from Poly{N-[3,4,5-tris(n-dodecan-1-yloxy)benzoyl]ethyleneimine}. <i>Chemistry - A European Journal</i> , 2001, 7, 4134-4141.	1.7	73
324	Molecular and Supramolecular Deformations and Disclinations in a Liquid Crystalline Copolyether Thin Films under an Electrostatic Field. <i>Macromolecular Rapid Communications</i> , 2001, 22, 396-400.	2.0	4

#	ARTICLE	IF	CITATIONS
325	Heat-Shrinking Spherical and Columnar Supramolecular Dendrimers: Their Interconversion and Dependence of Their Shape on Molecular Taper Angle. <i>Chemistry - A European Journal</i> , 2000, 6, 1258-1266.	1.7	123
326	From Molecular Flat Tapers, Discs, and Cones to Supramolecular Cylinders and Spheres using Fréchet-Type Monodendrons Modified on their Periphery. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1597-1602.	7.2	114
327	Living or controlled?. <i>Journal of Polymer Science Part A</i> , 2000, 38, 1705-1705.	2.5	13
328	Fluorocarbon-ended polymers: Metal catalyzed radical and living radical polymerizations initiated by perfluoroalkylsulfonyl halides. <i>Journal of Polymer Science Part A</i> , 2000, 38, 3313-3335.	2.5	61
329	Chiral recognition in molecular and macromolecular pairs of (S)- and (R)-1-cyano-2-methylpropyl-4-[[4-(8-vinyloxyoctyloxy)benzoyl]oxy]biphenyl-4- carboxylate enantiomers. <i>Journal of Polymer Science Part A</i> , 2000, 38, 3631-3655.	2.5	7
330	CuI and CuII salts of group VIA elements as catalysts for living radical polymerization initiated with sulfonyl chlorides. <i>Journal of Polymer Science Part A</i> , 2000, 38, 3839-3843.	2.5	62
331	Designing functional aromatic multisulfonyl chloride initiators for complex organic synthesis by living radical polymerization. <i>Journal of Polymer Science Part A</i> , 2000, 38, 4776-4791.	2.5	124
332	Organocopper-catalyzed living radical polymerization initiated with aromatic sulfonyl chlorides. <i>Journal of Polymer Science Part A</i> , 2000, 38, 4353-4361.	2.5	49
333	¹ H NMR Spectroscopic Investigation of the Mechanism of 2-Substituted-2-Oxazoline Ring Formation and of the Hydrolysis of the Corresponding Oxazolinium Salts. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 2257-2263.	1.2	15
334	Electro-rheological behavior of liquid crystal polymers (LCPs) dissolved in a nematic solvent: dependence on temperature and LCP structure. <i>Polymer</i> , 2000, 41, 4127-4135.	1.8	10
335	X-ray diffraction study of polyphilic smectic liquid crystals. <i>Journal of Materials Science</i> , 2000, 35, 5241-5246.	1.7	20
336	Phase Identification in a Series of Liquid Crystalline TPP Polyethers and Copolyethers Having Highly Ordered Mesophase Structures. 8. Phase and Structural Evolution in a Series of Copolyethers Containing Odd-Numbered Methylene Units in Both Comonomers. <i>Macromolecules</i> , 2000, 33, 5159-5168.	2.2	15
337	Epitaxial Adsorption of Monodendron-Jacketed Linear Polymers on Highly Oriented Pyrolytic Graphite. <i>Langmuir</i> , 2000, 16, 6862-6867.	1.6	70
338	Design and Structural Analysis of the First Spherical Monodendron Self-Organizable in a Cubic Lattice. <i>Journal of the American Chemical Society</i> , 2000, 122, 4249-4250.	6.6	135
339	Detecting the Shape Change of Complex Macromolecules during Their Synthesis with the Aid of Kinetics. A New Lesson from Biology. <i>Biomacromolecules</i> , 2000, 1, 6-16.	2.6	80
340	Increasing the Diameter of Cylindrical and Spherical Supramolecular Dendrimers by Decreasing the Solid Angle of Their Monodendrons via Periphery Functionalization. <i>Journal of the American Chemical Society</i> , 2000, 122, 10273-10281.	6.6	151
341	Spherical Supramolecular Minidendrimers Self-Organized in an "Inverse Micellar"-like Thermotropic Body-Centered Cubic Liquid Crystalline Phase. <i>Journal of the American Chemical Society</i> , 2000, 122, 1684-1689.	6.6	164
342	Fluorocarbon-ended polymers: Metal catalyzed radical and living radical polymerizations initiated by perfluoroalkylsulfonyl halides. , 2000, 38, 3313.		1

#	ARTICLE	IF	CITATIONS
343	Designing functional aromatic multisulfonyl chloride initiators for complex organic synthesis by living radical polymerization. <i>Journal of Polymer Science Part A</i> , 2000, 38, 4776-4791.	2.5	19
344	Designing functional aromatic multisulfonyl chloride initiators for complex organic synthesis by living radical polymerization. <i>Journal of Polymer Science Part A</i> , 2000, 38, 4776-4791.	2.5	1
345	¹ H NMR Spectroscopic Investigation of the Mechanism of 2-Substituted-2-Oxazoline Ring Formation and of the Hydrolysis of the Corresponding Oxazolinium Salts. , 2000, 2000, 2257.		1
346	Coassembly of a Hexagonal Columnar Liquid Crystalline Superlattice from Polymer(s) Coated with a Three-Cylindrical Bundle Supramolecular Dendrimer. <i>Chemistry - A European Journal</i> , 1999, 5, 1070-1083.	1.7	198
347	A second columnar liquid crystalline phase formed by polymers with highly tapered side chains. <i>Acta Polymerica</i> , 1999, 50, 51-56.	1.4	25
348	Phase Identification in a Series of Liquid Crystalline TPP Polyethers and Copolyethers Having Highly Ordered Mesophase Structures. 6. Structure Changes from Smectic to Columnar Phases in a Series of Copolyethers Containing Odd and Even Numbers of Methylene Units in Equal Molar Composition. <i>Macromolecules</i> , 1999, 32, 3574-3582.	2.2	23
349	Molecular Conformations of Monodendron-Jacketed Polymers by Scanning Force Microscopy. <i>Macromolecules</i> , 1999, 32, 2653-2660.	2.2	116
350	Heterochiral Recognition in Molecular and Macromolecular Pairs of Liquid Crystals Based on (R)- and of Materials, 1999, 11, 1890-1906.	3.2	4
351	Poly(p-phenylene)s with Mesogenic Side Groups: A Potential Class of NIISide Chain Liquid Crystalline Polymers?. <i>Macromolecules</i> , 1999, 32, 2597-2604.	2.2	53
352	Phase Identification in a Series of Liquid Crystalline TPP Polyethers and Copolyethers Having Highly Ordered Mesophase Structures. 7. Phase Structures in a Series of Copolyethers Containing Odd and Even Numbers of Methylene Units of Different Compositions. <i>Macromolecules</i> , 1999, 32, 6981-6988.	2.2	25
353	Grain boundaries and stacking faults in a Pm3n cubic mesophase. <i>Liquid Crystals</i> , 1999, 26, 1493-1499.	0.9	25
354	Microstructure and Morphology of Thermotropic Amphiphilic Liquid Crystalline Materials. <i>Materials Research Society Symposia Proceedings</i> , 1999, 559, 189.	0.1	1
355	Coassembly of a Hexagonal Columnar Liquid Crystalline Superlattice from Polymer(s) Coated with a Three-Cylindrical Bundle Supramolecular Dendrimer. , 1999, 5, 1070.		2
356	Controlling polymer shape through the self-assembly of dendritic side-groups. <i>Nature</i> , 1998, 391, 161-164.	13.7	809
357	Molecular imaging of monodendron jacketed linear polymers by scanning force microscopy. <i>Macromolecular Rapid Communications</i> , 1998, 19, 359-366.	2.0	126
358	Highly anisotropic elasticity of a dendrimeric liquid crystal. <i>European Physical Journal B</i> , 1998, 5, 251-255.	0.6	7
359	X-ray analysis of the internal rearrangement of the self-assembling columnar structure formed by a highly tapered molecule. <i>Polymer</i> , 1998, 39, 4515-4522.	1.8	36
360	Rate Enhancement by Carboxylate Salts in the CuCl, Cu ₂ O, and Cu(0) Catalyzed "Living" Radical Polymerization of Butyl Methacrylate Initiated with Sulfonyl Chlorides. <i>Macromolecules</i> , 1998, 31, 9409-9412.	2.2	87

#	ARTICLE	IF	CITATIONS
361	Structural Analysis of Cylindrical and Spherical Supramolecular Dendrimers Quantifies the Concept of Monodendron Shape Control by Generation Number. <i>Journal of the American Chemical Society</i> , 1998, 120, 11061-11070.	6.6	234
362	Visualizable Cylindrical Macromolecules with Controlled Stiffness from Backbones Containing Libraries of Self-Assembling Dendritic Side Groups. <i>Journal of the American Chemical Society</i> , 1998, 120, 8619-8631.	6.6	312
363	Arenesulfonyl Halides: A Universal Class of Functional Initiators for Metal-Catalyzed α -Living Radical Polymerization of Styrene(s), Methacrylates, and Acrylates. <i>Journal of the American Chemical Society</i> , 1998, 120, 305-316.	6.6	300
364	Self-Regulated Phase Transfer of Cu ₂ O/bpy, Cu(0)/bpy, and Cu ₂ O/Cu(0)/bpy Catalyzed α -Living Radical Polymerization Initiated with Sulfonyl Chlorides. <i>Macromolecules</i> , 1998, 31, 4053-4056.	2.2	124
365	Hierarchical Control of Internal Superstructure, Diameter, and Stability of Supramolecular and Macromolecular Columns Generated from Tapered Monodendritic Building Blocks. <i>Macromolecules</i> , 1998, 31, 1745-1762.	2.2	125
366	Molecular imaging of monodendron jacketed linear polymers by scanning force microscopy. , 1998, 19, 359.		1
367	Small angle x-ray analysis of the effect of temperature on the self-assembling columnar structures formed by a polymethacrylate with highly tapered side groups and by one of its low molar mass precursors. <i>Macromolecular Symposia</i> , 1997, 118, 663-675.	0.4	20
368	Design of new macromolecular architectures by using quasi-equivalent monodendrons as building blocks. <i>Macromolecular Symposia</i> , 1997, 118, 33-43.	0.4	14
369	Rational Design of a Hexagonal Columnar Mesophase in Telechelic Alternating Multicomponent Semifluorinated Polyethylene Oligomers. <i>Macromolecules</i> , 1997, 30, 645-648.	2.2	46
370	Phase Identification in a Series of Liquid Crystalline TPP Polyethers and Copolyethers Having Highly Ordered Mesophase Structure. 5. Solid State ¹³ C NMR Characterization of Motion and Conformations of Methylene and Mesogen Groups in Different Mesophases of TPP (n= 12 and 15). <i>Macromolecules</i> , 1997, 30, 4688-4694.	2.2	17
371	Mechanistic Investigations on the Formation of Supramolecular Cylindrical Shaped Oligomers and Polymers by Living Ring Opening Metathesis Polymerization of a 7-Oxanorbornene Monomer Substituted with Two Tapered Monodendrons. <i>Macromolecules</i> , 1997, 30, 5783-5790.	2.2	125
372	Macrocyclization Overrides the Polymer Effect in the Stabilization of Liquid Crystalline (LC) Phases with a Novel Odd-Even Alternation. A Demonstration with LC Crown Ethers. <i>Macromolecules</i> , 1997, 30, 943-952.	2.2	62
373	Scope and Limitations of Functional Sulfonyl Chlorides as Initiators for Metal-Catalyzed α -Living Radical Polymerization of Styrene and Methacrylates. <i>Macromolecules</i> , 1997, 30, 8526-8528.	2.2	121
374	Phase Identification in a Series of Liquid-Crystalline TPP Polyethers and Copolyethers Having Highly Ordered Mesophase Structures. 4. Phase Structures and Order Evolution in TPP (n = 12) Thin Films. <i>Macromolecules</i> , 1997, 30, 3349-3353.	2.2	15
375	Electrorheological Behavior of Main-Chain Liquid Crystal Polymers Dissolved in Nematic Solvents. <i>Macromolecules</i> , 1997, 30, 1992-1996.	2.2	30
376	Disulfonyl Chlorides: A Universal Class of Initiators for Metal-Catalyzed α -Living Diradical Polymerization of Styrene(s), Methacrylates, and Acrylates. <i>Macromolecules</i> , 1997, 30, 6702-6705.	2.2	112
377	Self-Encapsulation, Acceleration and Control in the Radical Polymerization of Monodendritic Monomers via Self-Assembly. <i>Journal of the American Chemical Society</i> , 1997, 119, 12978-12979.	6.6	166
378	Fluorophobic Effect Generates a Systematic Approach to the Synthesis of the Simplest Class of Rodlike Liquid Crystals Containing a Single Benzene Unit. <i>Chemistry of Materials</i> , 1997, 9, 164-175.	3.2	116

#	ARTICLE	IF	CITATIONS
379	Rational Design of the First Spherical Supramolecular Dendrimers Self-Organized in a Novel Thermotropic Cubic Liquid-Crystalline Phase and the Determination of Their Shape by X-ray Analysis. <i>Journal of the American Chemical Society</i> , 1997, 119, 1539-1555.	6.6	517
380	Liquid crystals 100 years later. What are the new concepts used in the design of molecular, macromolecular and supramolecular liquid crystals?. <i>Macromolecular Symposia</i> , 1997, 117, 267-273.	0.4	18
381	Monodisperse Linear Liquid Crystalline Polyethers via a Repetitive 2n Geometric Growth Algorithm. <i>Macromolecules</i> , 1997, 30, 7701-7720.	2.2	34
382	Direct Visualization of Individual Cylindrical and Spherical Supramolecular Dendrimers. <i>Science</i> , 1997, 278, 449-452.	6.0	521
383	Existence of highly ordered smectic structures in a series of main-chain liquid-crystalline polyethers. <i>Progress in Polymer Science</i> , 1997, 22, 765-794.	11.8	22
384	Synthesis of polyarylene homopolymers and copolymers via nickel(0)-catalyzed homocoupling of arylenebismesylates derived from bisphenols. <i>Polymer Bulletin</i> , 1997, 38, 515-522.	1.7	12
385	Effect of molecular architecture on the electrorheological behavior of liquid crystal polymers in nematic solvents. <i>Rheologica Acta</i> , 1997, 36, 505-512.	1.1	17
386	Synthesis and characterization of monomethacrylate-functionalized self-organizing crown ether compounds. <i>Macromolecular Chemistry and Physics</i> , 1997, 198, 265-277.	1.1	20
387	Self-organization of a liquid crystalline methacrylate-monofunctionalized crown-ether compound in low-shrinkage acrylate mixtures. <i>Macromolecular Chemistry and Physics</i> , 1997, 198, 2839-2852.	1.1	20
388	Liquid-crystalline main-chain elastomers. <i>Macromolecular Rapid Communications</i> , 1997, 18, 353-360.	2.0	96
389	Effect of molecular architecture on the electrorheological behavior of liquid crystal polymers in nematic solvents. <i>Rheologica Acta</i> , 1997, 36, 505-512.	1.1	0
390	Mesophase Identifications in a Series of Liquid Crystalline TPP Polyethers and Copolyethers Having Highly Ordered Mesophase Structures. 2. Phase Diagram of Even-Numbered Polyethers. <i>Macromolecules</i> , 1996, 29, 3421-3431.	2.2	44
391	Fluorophobic Effect Induces the Self-Assembly of Semifluorinated Tapered Monodendrons Containing Crown Ethers into Supramolecular Columnar Dendrimers Which Exhibit a Homeotropic Hexagonal Columnar Liquid Crystalline Phase. <i>Journal of the American Chemical Society</i> , 1996, 118, 9855-9866.	6.6	391
392	Phase Identification in a Series of Liquid Crystalline TPP Polyethers and Copolyethers Having Highly Ordered Mesophase Structures. 1. Phase Diagrams of Odd-Numbered TPP Polyethers. <i>Macromolecules</i> , 1996, 29, 294-305.	2.2	52
393	From Regioirregular Linear Main-Chain Liquid-Crystal Polyethers Exhibiting Two Uniaxial Nematic Phases to Macrocyclic Main-Chain Oligoethers Displaying Nematic and Smectic Phases. <i>Chemistry of Materials</i> , 1996, 8, 1550-1557.	3.2	18
394	Stepwise Synthesis of Main-Chain Liquid-Crystalline Macrocyclics Based on Conformationally Flexible Mesogens. <i>Chemistry of Materials</i> , 1996, 8, 301-308.	3.2	22
395	Dendrimeric Liquid Crystals: An Isotropic-Nematic Pretransitional Behavior. <i>Macromolecules</i> , 1996, 29, 7813-7819.	2.2	40
396	Phase Identification in a Series of Liquid Crystalline TPP Polyethers and Copolyethers Having Highly Ordered Mesophase Structure. 3. Thin Film Surface-Induced Ordering Structure and Morphology in TPP (n= 7). <i>Macromolecules</i> , 1996, 29, 4528-4535.	2.2	14

#	ARTICLE	IF	CITATIONS
397	Step-Polymerization Reactions via Nickel- and Palladium-Catalyzed Carbon-Carbon Bond Formation. ACS Symposium Series, 1996, , 2-56.	0.5	9
398	Tubular Architectures from Polymers with Tapered Side Groups. Assembly of Side Groups via a Rigid Helical Chain Conformation and Flexible Helical Chain Conformation Induced via Assembly of Side Groups. Macromolecules, 1996, 29, 1464-1472.	2.2	131
399	Regioregular and Regioirregular Poly(p-phenylene)s via Ni(0)-Catalyzed Homocoupling of Arylene Bismesylates. Macromolecules, 1996, 29, 3727-3735.	2.2	53
400	Identification of Highly Ordered Smectic Phases in a Series of Main-Chain Liquid-Crystalline Polyethers. ACS Symposium Series, 1996, , 358-371.	0.5	3
401	Metal-Catalyzed α -Living Radical Polymerization of Styrene Initiated with Arenesulfonyl Chlorides. From Heterogeneous to Homogeneous Catalysis. Macromolecules, 1996, 29, 3665-3668.	2.2	324
402	Fluorophobic Effect in the Self-Assembly of Polymers and Model Compounds Containing Tapered Groups into Supramolecular Columns. Macromolecules, 1996, 29, 646-660.	2.2	186
403	Solubilization of Regioregular and Regioirregular Poly(p-phenylene)s via CF ₃ and OCF ₃ Substituents To Generate a Model for Rigid-Rod Polymers. Macromolecules, 1996, 29, 7284-7293.	2.2	43
404	Design of Side Chain and Main Chain Liquid Crystalline Polymers Containing Supramolecular Quasi-Rigid-Rodlike Mesogens Obtained from Collapsed Main Chain Macrocylics. Macromolecules, 1996, 29, 3736-3750.	2.2	44
405	Molecular recognition directed self-assembly of tubular supramolecular architectures from building blocks containing monodendrons as <i>exo</i> -receptors and crown- or pseudo-crown-ethers as <i>endo</i> -receptors. Macromolecular Symposia, 1996, 101, 43-60.	0.4	31
406	Gel template leaching: An approach to functional nanoporous membranes. Macromolecular Symposia, 1996, 102, 381-390.	0.4	35
407	Thermodynamic transition properties of highly ordered smectic phases. Journal of Thermal Analysis, 1996, 47, 957-973.	0.7	3
408	TPB ² : a constitutional isomeric mesogen based on conformational isomerism which generates pairs of completely isomorphous polyethers. Polymer, 1996, 37, 3889-3897.	1.8	9
409	Perspective: Comments on α -interfacial polycondensation. I., by Emerson L. Wittbecker and Paul W. Morgan, J. Polym. Sci., XL, 289 (1959) and α -interfacial polycondensation. II. Fundamentals of polymer formation at liquid interfaces, by Paul W. Morgan and Stephanie L. Kwolek, J. Polym. Sci., XL, 299 (1959). Journal of Polymer Science Part A. 1996. 34, 519-520.	2.5	1
410	Self-assembly of twin tapered bisamides into supramolecular columns exhibiting hexagonal columnar mesophases. Structural evidence for a microsegregated model of the supramolecular column. Liquid Crystals, 1996, 21, 73-86.	0.9	100
411	Self-Assembly of Viruses as Models for the Design of new Macromolecular and supramolecular architectures. Journal of Macromolecular Science - Pure and Applied Chemistry, 1996, 33, 1479-1496.	1.2	13
412	Nematic, smectic and columnar phases of main-chain liquid crystal polyethers. Macromolecular Symposia, 1995, 98, 951-966.	0.4	5
413	From liquid crystal polymers containing crown ethers to tapered building blocks containing crown ethers which self-assemble into tubular supermolecules. Macromolecular Symposia, 1995, 96, 173-184.	0.4	12
414	Synthesis of novel sulfonyl-containing liquid-crystalline side-chain poly(vinyl ethers). Macromolecular Chemistry and Physics, 1995, 196, 1821-1837.	1.1	5

#	ARTICLE	IF	CITATIONS
415	Mesophases involving highly ordered smectic phases in a polyether. <i>Macromolecular Rapid Communications</i> , 1995, 16, 533-542.	2.0	20
416	Smectic A organisation in copolymers of i-butyl vinyl ether and 11-[(4-cyano-4-biphenyl)oxy]undecanyl vinyl ether as assessed by X-ray scattering. <i>Polymer Bulletin</i> , 1995, 35, 629-634.	1.7	7
417	Synthesis of high molecular weight poly(ether ketone)s by polycondensation of activated bis(aryl) Tj ETQq1 1 0.784314 rgBT /Overlo	2.5	19
418	Molecular engineering of liquid crystalline polymers by ϵ -living polymerization. XXXII. Synthesis and ϵ -living cationic polymerization of 3-fluoro-4-(1-vinyloxyalkoxy)-4-biphenyl (2 <i>r</i> ,3 <i>s</i>)-2-fluoro-3-methylpentanoate with undecanyl and octyl alkyl groups. <i>Journal of Polymer Science Part A</i> , 1995, 33, 2359-2374.	2.5	10
419	Viscoelastic properties of dilute nematic mixtures containing cyclic and hyperbranched liquid crystal polymers dissolved in a nematic solvent. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995, 33, 1213-1223.	2.4	19
420	Interrelation between crystallization and liquid crystal formation: A calorimetric and polarizing microscopical study on a monotropic polymer system. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995, 33, 1877-1894.	2.4	29
421	Heterochiral Molecular Recognition in Molecular and Macromolecular Pairs of Liquid Crystals of 4-(1-Vinyloxyundecanyloxy)Biphenyl (2 <i>r</i> ,3 <i>s</i>)- and (2 <i>s</i> ,3 <i>r</i>)-2-Fluoro-3-methylpentanoate Diastereomers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1995, 32, 1531-1561.	1.2	6
422	Molecular design of novel liquid crystalline polymers with complex architecture: Macrocylics and dendrimers. <i>Pure and Applied Chemistry</i> , 1995, 67, 2031-2038.	0.9	59
423	Conformational Behavior of the Spacer in a Liquid Crystalline Main-Chain Polymer in Its Nematic and Glassy States. <i>Macromolecules</i> , 1995, 28, 6937-6941.	2.2	25
424	SANS Study of a Semiflexible Main Chain Liquid Crystalline Polyether. <i>Macromolecules</i> , 1995, 28, 5427-5433.	2.2	37
425	Synthesis of Functional Polyphenylenes from Substituted Hydroquinones via Nickel(0)-Catalyzed Polymerization of Their Bismesylates. <i>Macromolecules</i> , 1995, 28, 6726-6734.	2.2	39
426	Effect of Temperature on the Supramolecular Tubular Structure in Oriented Fibers of a Poly(methacrylate) with Tapered Side Groups. <i>Macromolecules</i> , 1995, 28, 1552-1558.	2.2	111
427	Dramatic Stabilization of a Hexagonal Columnar Mesophase Generated from Supramolecular and Macromolecular Columns by the Semifluorination of the Alkyl Groups of Their Tapered Building Blocks. <i>Macromolecules</i> , 1995, 28, 8807-8818.	2.2	120
428	Aryl Mesylates in Metal-Catalyzed Homocoupling and Cross-Coupling Reactions. 3. A Simple and General Method for the Synthesis of 2,2'-Diaroyl-4,4'-dihydroxybiphenyls. <i>Journal of Organic Chemistry</i> , 1995, 60, 1066-1069.	1.7	53
429	Aryl Mesylates in Metal-Catalyzed Homocoupling and Cross-Coupling Reactions. 1. Functional Symmetrical Biaryls from Phenols via Nickel-Catalyzed Homocoupling of Their Mesylates. <i>Journal of Organic Chemistry</i> , 1995, 60, 176-185.	1.7	141
430	Aryl Mesylates in Metal Catalyzed Homo- and Cross-Coupling Reactions. 4. Scope and Limitations of Aryl Mesylates in Nickel Catalyzed Cross-Coupling Reactions. <i>Journal of Organic Chemistry</i> , 1995, 60, 6895-6903.	1.7	223
431	Rational Design of the First Nonspherical Dendrimer Which Displays Calamitic Nematic and Smectic Thermotropic Liquid Crystalline Phases. <i>Journal of the American Chemical Society</i> , 1995, 117, 11441-11454.	6.6	275
432	Molecular engineering of liquid-crystalline polymers by ϵ -living polymerization. Part 31. ϵ -Synthesis and ϵ -living cationic polymerization of (2 <i>R</i> , 3 <i>S</i>)-2-fluoro-3-methylpentyl 3-fluoro-4-(1-vinyloxyalkoxy)biphenyl-4-carboxylate with undecanyl and octyl alkyl groups. <i>Journal of Materials Chemistry</i> , 1995, 5, 1125-1136.	6.7	7

#	ARTICLE	IF	CITATIONS
433	Molecular engineering of liquid-crystalline polymers by "living" cationic polymerization. Part 30. Synthesis and "living" cationic polymerization of (2R, 3S)-2-fluoro-3-methylpentyl 4-((2-(8-vinylxyloxy)oxy)biphenyl-4-carboxylate and its copolymerization with (2R, 3S)-2-fluoro-3-methylpentyl 4-((2-(8-vinylxyloxy)oxy)biphenyl-4-carboxylate. <i>Journal of Polymer Science: Part A: Polymer Chemistry</i> , 1995, 33, 1115-1123.	1.7	50
434	"Living" Radical Polymerization of Styrene Initiated by Arenesulfonyl Chlorides and CuI(bpy) _n Cl. <i>Macromolecules</i> , 1995, 28, 7970-7972.	2.2	836
435	Aryl Mesylates in Metal Catalyzed Homocoupling and Cross-Coupling Reactions. 2. Suzuki-Type Nickel-Catalyzed Cross-Coupling of Aryl Arenesulfonates and Aryl Mesylates with Arylboronic Acids. <i>Journal of Organic Chemistry</i> , 1995, 60, 1060-1065.	1.7	295
436	At the Borderline between Glassy, Crystalline and Liquid Crystalline Macrocyclics. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 238, 21-37.	0.3	9
437	Molecular Order in the Nematic Melt of a Semiflexible Polyether by Deuteron NMR. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 254, 455-468.	0.3	19
438	Isomorphism within the hexagonal columnar mesophase of molecular and macromolecular self- and co-assembled columns containing tapered groups. <i>Liquid Crystals</i> , 1994, 16, 509-527.	0.9	32
439	Molecular Recognition Directed Self-Assembly of Supramolecular Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 254, 137-196.	0.3	33
440	Molecular Recognition Directed Self-Assembly of Supramolecular Architectures. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1994, 31, 1719-1758.	1.2	46
441	Biaxiality in a Cyclic Thermotropic Nematic Liquid Crystal. <i>Europhysics Letters</i> , 1994, 25, 199-204.	0.7	53
442	Synthesis and mesomorphic behavior of poly[(2S, 3S)-(+)-2-chloro-3-methylpentyl 4-((2-(8-vinylxyloxy)oxy)biphenyl-4-carboxylate)s with ethyl and propyl alkyl groups. <i>Polymer Bulletin</i> , 1994, 32, 249-256.	1.7	4
443	Influence of molecular structure on the nematic-nematic transition in polyethers based on 1-(4-hydroxyphenyl)-2-(2-R-4-hydroxyphenyl)ethane where R=CH ₃ and Cl, and flexible spacers with an odd number of methylene units. <i>Polymer Bulletin</i> , 1994, 32, 325-330.	1.7	12
444	Rheology and flow-induced liquid crystal phase transitions in thermotropic polyethers. <i>Journal of Materials Science</i> , 1994, 29, 3477-3483.	1.7	14
445	Crystallization behavior of polyethers containing odd numbers of methylene spacers from the isotropic and liquid crystalline states. <i>Polymers for Advanced Technologies</i> , 1994, 5, 775-784.	1.6	6
446	Structure and conductivity of liquid crystal channel-like linic complexes of taper-shaped compounds. <i>Advanced Materials for Optics and Electronics</i> , 1994, 4, 303-313.	0.6	34
447	Chiral recognition in molecular and macromolecular pairs of liquid crystals of (2R,3S)- and (2S,3S)-2-fluoro-3-methylpentyl 4'-[[11-(vinylxyloxy)undecanyl]oxy]biphenyl-4-carboxylate diastereomers. <i>Macromolecules</i> , 1994, 27, 12-25.	2.2	15
448	Liquid-crystalline polyethers based on conformational isomerism. Part 33. Thermotropic polyethers based on a mesogenic group containing rigid and flexible units: 1-(4-hydroxybiphenyl-4-yl)-2-(4-hydroxyphenyl)propane. <i>Journal of Materials Chemistry</i> , 1994, 4, 719-727.	6.7	21
449	Molecular-Recognition-Directed Self-Assembly of Supramolecular Polymers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1994, 31, 1031-1070.	1.2	67
450	Self-assembly of taper-shaped monoesters of oligo(ethylene oxide) with 3,4,5-tris(n-dodecan-1-yloxy)benzoic acid and of their polymethacrylates into tubular supramolecular architectures displaying a columnar hexagonal mesophase. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994, , 31.	0.9	110

#	ARTICLE	IF	CITATIONS
451	Noncentrosymmetric Langmuir-Blodgett Films Containing Nitrobiphenyl Groups. <i>Langmuir</i> , 1994, 10, 905-911.	1.6	10
452	Heterochiral Interactions in Molecular and Macromolecular Pairs of Liquid Crystals of (R)- and (S)-2-Fluoro-4-methylpentyl 4'-((8-(Vinyl)oxy)octyl)oxy)biphenyl-4-carboxylate Enantiomers. <i>Macromolecules</i> , 1994, 27, 5821-5832.	2.2	14
453	Molecular recognition directed self-assembly of tubular liquid crystalline and crystalline supramolecular architectures from taper shaped (15-crown-5)methyl 3,4,5-tris(p-alkyloxybenzyloxy)benzoates and (15-crown-5)methyl 3,4,5-tris(p-dodecyloxy)benzoate. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 447.	0.9	103
454	Reductive Dehalogenation vs Substitution in the Polyetherification of Bis(aryl chloride)s Activated by Carbonyl Groups with Hydroquinones: A Potential Competition between SET and Polar Pathways. <i>Macromolecules</i> , 1994, 27, 1535-1547.	2.2	29
455	Polymer Effect on Heterochiral Molecular Recognition in Molecular and Macromolecular Pairs of Liquid Crystals of (R)- and (S)-2-Chloro-4-methylpentyl 4'-[[8-(Vinyl)oxy]octyl]oxy)biphenyl-4-carboxylate Enantiomers. <i>Macromolecules</i> , 1994, 27, 4454-4470.	2.2	12
456	Toward "Willowlike" Thermotropic Dendrimers. <i>Macromolecules</i> , 1994, 27, 4441-4453.	2.2	215
457	Supramolecular Tubular Structures of a Polymethacrylate with Tapered Side Groups in Aligned Hexagonal Phases. <i>Macromolecules</i> , 1994, 27, 6129-6132.	2.2	116
458	Comparison of the supramolecular structures formed by a polymethacrylate with a highly tapered side chain and its monomeric precursor. <i>Macromolecular Symposia</i> , 1994, 87, 103-114.	0.4	37
459	Towards tobacco mosaic virus-like self-assembled supramolecular architectures. <i>Macromolecular Symposia</i> , 1994, 77, 237-265.	0.4	63
460	Optical studies of supramolecular tubular structures generated by taper-shaped side groups in the columnar hexagonal phase. <i>Journal De Physique II</i> , 1994, 4, 1813-1822.	0.9	3
461	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1993, 194, 3135-3148.	1.1	5
462	Structural rearrangements during mesomorphic phase transitions in poly{10-[(cyano-4'-biphenyl)oxy]decanyl vinyl ether}. <i>Polymer</i> , 1993, 34, 481-486.	1.8	3
463	Synthesis and Ni(0)-catalyzed oligomerization of isomeric 4,4'-dichloroquaterphenyls. <i>Journal of Polymer Science Part A</i> , 1993, 31, 877-884.	2.5	19
464	Nucleophilic substitution reactions of 1,4-dichlorobenzene chromium tricarbonyl with mono- and diphenoxides. <i>Journal of Polymer Science Part A</i> , 1993, 31, 923-932.	2.5	7
465	Synthesis and Ni(0)-catalyzed polymerization of 2,5-bis(4-chloro-1-naphthyl)biphenyl. <i>Journal of Polymer Science Part A</i> , 1993, 31, 1087-1091.	2.5	6
466	Crystallization-induced band formation in nematic polyethers. <i>Polymer</i> , 1993, 34, 1800-1805.	1.8	23
467	Effects of monomer structure and copolymer composition on the glass transition temperature of binary liquid crystalline copoly(vinyl ether)s. <i>Polymer</i> , 1993, 34, 2180-2184.	1.8	4
468	Liquid crystalline poly(vinyl ether)s with bulk smectic C* phases at the air/water interface. <i>Macromolecules</i> , 1993, 26, 1650-1655.	2.2	20

#	ARTICLE	IF	CITATIONS
469	Liquid crystalline polyethers based on conformational isomerism. Part 28. Noncrystallizable macrocyclics exhibiting enantiotropic liquid-crystalline phases. <i>Chemistry of Materials</i> , 1993, 5, 826-834.	3.2	22
470	Mesomorphic polyelectrolytes based on side-chain liquid-crystalline polymers containing side-on fixed mesogens and oligooxyethylene spacers. <i>Journal of Materials Chemistry</i> , 1993, 3, 643.	6.7	32
471	Self-regulated phase transitions in poly(4-{2-[4-(11-vinyloxyundecyloxy)biphenyl-4-yl]ethyl}benzo-15-crown-5) and poly(4-{2-[4-(11-methacryloylundecyloxy)biphenyl-4-yl]ethyl}benzo-15-crown-5) via molecular recognition. <i>Journal of Materials Chemistry</i> , 1993, 3, 83-96.	6.7	27
472	Similarities and differences between the mesomorphic behaviour of oligomeric macrocyclics and of linear high relative molecular mass polyethers based on 1-(4-hydroxybiphenyl-4-yl)-2-(4-hydroxyphenyl)butane and flexible spacers. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1319-1334.	0.9	31
473	Macrocycles with clearing temperatures higher than their linear high-molecular-weight homologues. <i>Journal of Materials Chemistry</i> , 1993, 3, 725.	6.7	15
474	The influence of the complexation of sodium and lithium triflate on the self-assembly of tubular-supramolecular architectures displaying a columnar mesophase based on taper-shaped monoesters of oligoethylene oxide with 3,4,5-tris[p-(n-dodecan-1-yloxy)benzyloxy]benzoic acid and of their polymethacrylates. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993, , 2381.	0.9	95
475	Mesomorphic polyelectrolytes based on side-chain liquid-crystalline polymers containing end-on fixed mesogens and oligooxyethylene spacers. <i>Journal of Materials Chemistry</i> , 1993, 3, 633.	6.7	34
476	Liquid-crystalline polyethers based on conformational isomerism. 32. Effect of molecular weight on the phase behavior of linear and macrocyclic oligoethers and of linear polyethers based on 1-(4-hydroxy-4'-biphenyl)-2-(4-hydroxyphenyl)butane and 1,10-dibromodecane. <i>Macromolecules</i> , 1993, 26, 3663-3675.	2.2	41
477	Liquid-crystalline polyethers based on conformational isomerism. 31. Absence of chiral molecular recognition in irregular linear and macrocyclic liquid-crystalline polyethers based on 1-(4-hydroxy-4'-biphenyl)-2-(4-hydroxyphenyl)butane and .alpha.,.omega.-dibromoalkanes. <i>Macromolecules</i> , 1993, 26, 3917-3928.	2.2	35
478	Reductive dehalogenation versus substitution in the polyetherification of 4,4'-dihalodiphenyl sulfones with bisphenolates. <i>Macromolecules</i> , 1993, 26, 3650-3662.	2.2	22
479	Transformation of a kinetically controlled nematic phase of a linear polymer into one which is thermodynamically controlled via cyclization [1]. <i>Liquid Crystals</i> , 1993, 13, 83-94.	0.9	31
480	Polar polymeric Langmuir-Blodgett films containing nitrobiphenyl groups. <i>Macromolecules</i> , 1993, 26, 7263-7273.	2.2	12
481	Molecular recognition directed self-assembly of supramolecular cylindrical channel-like architectures from 6,7,9,10,12,13,15,16-octahydro-1,4,7,10,13-pentaoxabenzocyclopentadecen-2-ylmethyl 3,4,5-tris(p-dodecyloxybenzyloxy)benzoate. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1411.	0.9	203
482	Self-assembly of taper-shaped monoesters of oligo(ethylene oxide) with 3,4,5-tris(p-dodecyloxybenzyloxy)benzoic acid and of their polymethacrylates into tubular supramolecular architectures displaying a columnar mesophase. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 2799.	0.9	153
483	Nearly-second-order nematic-isotropic phase transition in a cyclic thermotropic liquid crystal. <i>Physical Review E</i> , 1993, 48, R1-R4.	0.8	18
484	Molecular Engineering of Liquid Crystal Polymers by Living Polymerization. XIX. Synthesis and Characterization of Poly[2-(4-Biphenyloxy)ethyl Vinyl Ether]. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1992, 29, 655-668.	1.2	5
485	Synthesis of aromatic polyethers by cation-radical polymerization. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1992, 54-55, 337-356.	0.6	6
486	Pd(0) and Ni(0) catalyzed polymerization reactions. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1992, 54-55, 113-150.	0.6	16

#	ARTICLE	IF	CITATIONS
487	Synthesis and Characterization of Polymethacrylates, Polyacrylates, and Poly(Methylsiloxane)S Containing 4-[2-Methyl-1-Butoxy]-4-(Alkanyl-1-OXY)-Methylstilbene Side Groups. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1992, 29, 99-121.	1.2	7
488	Light scattering from a nematic monodomain in an electric field Twist elastic constant and viscosity coefficient of nematic polymer-solvent mixtures. <i>Liquid Crystals</i> , 1992, 12, 961-971.	0.9	24
489	Molecular engineering of liquid crystal polymers by living polymerization. XXII. Synthesis and Characterization of 2-chloro-3-methylpentyl 4-(8-vinyl-oxyoctyloxy)biphenyl-4-carboxylate, and of 2-chloro-3-methylpentyl 4-(8-vinyl-oxyoctyloxy)biphenyl-4-carboxylate with	0.9	7
490	Cationic bulk polymerization of vinyl ethers in the liquid crystalline phase. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1992, 54-55, 83-94.	0.6	5
491	Mechanisms of the aromatic polyetherification reactions. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1992, 54-55, 275-312.	0.6	18
492	The synthesis and reactivity of poly(vinylbenzyl ether) macromonomer of poly(2,6-dimethyl-4-phenylene ether). <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1992, 54-55, 561-581.	0.6	7
493	Liquid-crystalline polyethers based on conformational isomerism. Part 22. Hexagonal columnar mesophase in polyethers and copolyethers based on 1,4-bis[2-(4-hydroxyphenyl)ethyl]benzene, 1,2-bis(4-hydroxyphenyl)ethane and 1,9-dibromononane. <i>Journal of Materials Chemistry</i> , 1992, 2, 407-414.	6.7	12
494	Synthesis and characterization of a thermotropic nematic liquid crystalline dendrimeric polymer. <i>Macromolecules</i> , 1992, 25, 3843-3850.	2.2	219
495	Re-entrant isotropic phase in a supramolecular disc-like oligomer of 4-[3,4,5-tris(n-dodecanyloxy)benzoyloxy]-4-(2-vinyl-oxy)ethoxy]biphenyl. <i>Journal of Materials Chemistry</i> , 1992, 2, 931-938.	6.7	83
496	Poly{2-vinyl-oxyethyl 3,4,5-tris[4-(n-dodecanyloxy)benzyloxy]benzoate}: a self-assembled supramolecular polymer similar to tobacco mosaic virus. <i>Journal of Materials Chemistry</i> , 1992, 2, 1033.	6.7	115
497	Molecular engineering of liquid-crystalline polymers by living polymerization. Part 24. Synthesis of poly(vinyl ether)s exhibiting an SC* phase by living cationic polymerization of (2S,3S)-(+)-2-chloro-3-methylpentyl 4-(6-vinyl-oxyhexyloxy)biphenyl-4-carboxylate and its copolymerization with (2S,3S)-(+)-2-chloro-3-methylpentyl	6.7	15
498	Molecular engineering of liquid-crystalline polymers by living polymerization. Part 20. Synthesis and characterization of binary copolymers of [11-(4-cyanobiphenyl-4-yloxy)undecanyloxy]ethylene with n-butyl vinyl ether, and of 2-[(4-cyanobiphenyl-4-yl)oxy]ethyl vinyl ether with (n-butoxy)ethylene. <i>Journal of Materials Chemistry</i> , 1992, 2, 617-623.	6.7	16
499	Molecular engineering of liquid-crystalline polymers by living polymerization. Part 18. Sc* Mesophase in copolymers of (2S, 3S)-(+)-2-chloro-3-methylpentyl 4-(vinyl-oxyalkoxy)biphenyl-4-carboxylate with undecanyl and octyl alkyl groups. <i>Journal of Materials Chemistry</i> , 1992, 2, 475-486.	6.7	20
500	Molecular Engineering of Liquid Crystal Polymers by Living Polymerization. XXIII. Synthesis and Characterization of AB Block Copolymers Based on (4-Cyano-Biphenyl)-oxy]alkyl Vinyl Ether, 1H, 1H, 2H, 2H-Perfluorodecyl Vinyl Ether, and 2-(4-Biphenyloxy)ethyl Vinyl Ether with 1H, 1H, 2H, 2H-Perfluorodecyl Vinyl Ether. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1992, 29, 723-740.	1.2	96
501	Molecular engineering of a hexagonal columnar (.PHI.h) mesophase exhibited by flexible copolyethers based on 1-(4-hydroxyphenyl)-2-(2-R-4-hydroxyphenyl)ethane with R = H, F, and flexible spacers. <i>Macromolecules</i> , 1992, 25, 1193-1197.	2.2	13
502	Synthesis and characterization of cyclic liquid crystalline oligomers based on 1-(4-hydroxy-4'-biphenyl)-2-(4-hydroxyphenyl)butane and 1,10-dibromodecane. <i>Macromolecules</i> , 1992, 25, 3851-3861.	2.2	77
503	Synthesis of aromatic polyethers by Scholl reaction. VI. Aromatic polyethers by cation-radical polymerization of 4,4'-, 3,3'-, and 2,2'-bis(1-naphthoxy)biphenyls and of 1,3-bis(1-naphthoxy)benzene. <i>Macromolecules</i> , 1992, 25, 64-74.	2.2	23
504	Molecular recognition directed phase transitions in side-chain liquid crystalline polymers containing crown ethers. <i>Macromolecules</i> , 1992, 25, 2563-2565.	2.2	58

#	ARTICLE	IF	CITATIONS
505	Solid-state carbon-13 NMR studies of molecular motion in MBPE-9 and MBPE-5. <i>Macromolecules</i> , 1992, 25, 5991-5999.	2.2	34
506	Dynamic light scattering from nematic monodomains containing mesogenic polymers of differing architectures. <i>Macromolecules</i> , 1992, 25, 2151-2155.	2.2	29
507	Synthesis and characterization of branched liquid-crystalline polyethers containing cyclohexaerylene-based disk-like mesogens. <i>Macromolecules</i> , 1992, 25, 1164-1176.	2.2	102
508	Liquid crystalline polyethers based on conformational isomerism. 20. Nematic-nematic transition in polyethers and copolyethers based on 1-(4-hydroxyphenyl)-2-(2-R-4-hydroxyphenyl)ethane with R = fluoro, chloro and methyl and flexible spacers containing an odd number of methylene units. <i>Macromolecules</i> , 1992, 25, 75-80.	2.2	77
509	Mesophase behavior in thermotropic polyethers based on the semi-flexible mesogen 1-(4-hydroxyphenyl)-2-(2-methyl-4-hydroxyphenyl)ethane. <i>Macromolecules</i> , 1992, 25, 2112-2121.	2.2	62
510	Synthesis of functional poly(p-phenylene)s from substituted hydroquinones via nickel-catalyzed coupling of their bistriflates. <i>Macromolecules</i> , 1992, 25, 1816-1823.	2.2	61
511	Liquid crystalline networks via living cationic polymerization of 11-[(4-cyano-4'-biphenyl)oxy]undecanyl vinyl ether with 11-vinyloxyundecanyloxy methacrylate. <i>Polymer Bulletin</i> , 1992, 29, 485-492.	1.7	7
512	Thermally reactive liquid crystalline copolymers based on 11-[(4-cyano-4'-biphenyl)oxy]undecanyl vinyl ether and 2-vinyloxyethyloxy methacrylate. <i>Polymer Bulletin</i> , 1992, 29, 493-500.	1.7	7
513	Tailor made liquid crystalline networks exhibiting a chiral smectic C (S C *) mesophase via living cationic copolymerization. <i>Polymer Bulletin</i> , 1992, 29, 501-508.	1.7	10
514	Synthesis of aromatic polyethers by Scholl reaction. <i>Polymer Bulletin</i> , 1992, 27, 503-510.	1.7	8
515	Synthesis of aromatic polyethers by Scholl reaction. VII. Oxidative polymerization of 2,2-bis[4-(1-naphthoxy)phenyl]propane and 2,2-bis [4-(1-naphthyl)phenyl]propane. <i>Journal of Polymer Science Part A</i> , 1992, 30, 429-438.	2.5	10
516	Synthesis of aromatic polyethers by scholl reaction. VIII. On the polymerizability of 1,5-bis(phenoxy)pentanes and 1,5-bis(phenylthio)pentane. <i>Journal of Polymer Science Part A</i> , 1992, 30, 439-448.	2.5	6
517	Liquid crystalline polyethers based on conformational isomerism. XIX. Synthesis and characterization of flexible polyethers based on 1-(4-hydroxyphenyl)-2-(2-r-4-hydroxyphenyl) ethane with H, F, CH ₃ , Br, Cl, and CF ₃ as R groups. <i>Journal of Polymer Science Part A</i> , 1992, 30, 997-1016.	2.5	9
518	Soluble polyarylenes containing alternating binaphthylene and biphenylene structural units. <i>Journal of Polymer Science Part A</i> , 1992, 30, 1037-1049.	2.5	12
519	Molecular engineering of liquid crystalline polymers by living polymerization. XVII. Characterization <i>Polymer Science Part A</i> , 1992, 30, 1213-1217.	2.5	13
520	Synthesis of soluble polyarylenes containing alternating 4,4'-(1,1'-binaphthyl) and 4,4'-(3,3'-diphenyl)biphenyl structural units. <i>Polymer Bulletin</i> , 1992, 29, 271-276.	1.7	9
521	The polymerization of alkyl substituted acetylenes using metal halide based initiators: The bulky substituent effect. <i>Polymer Bulletin</i> , 1992, 29, 335-342.	1.7	17
522	Molecular engineering of liquid crystalline polymers by living polymerization. <i>Polymer Bulletin</i> , 1992, 28, 9-15.	1.7	18

#	ARTICLE	IF	CITATIONS
523	Molecular engineering of liquid crystal polymers by living polymerization: 9. Living cationic polymerization of 5-[(4-cyano-4'-biphenyl)oxy]pentyl vinyl ether and 7-[(4-cyano-4'-biphenyl)oxy]heptyl vinyl ether, and the mesomorphic behaviour of the resulting polymers. <i>Polymer</i> , 1992, 33, 703-711.	1.8	40
524	Phase transitions in narrow-molar-mass samples of side-chain liquid-crystalline polymers: molar-mass dependence. <i>Polymer</i> , 1992, 33, 4352-4357.	1.8	16
525	Synthesis of poly(vinyl ether)s with perfluoroalkyl pendant groups. <i>Die Makromolekulare Chemie</i> , 1992, 193, 275-284.	1.1	39
526	Molecular engineering of side-chain liquid-crystalline polymers by living cationic polymerization. <i>Advanced Materials</i> , 1992, 4, 548-561.	11.1	105
527	Transformation of a kinetically prohibited mesophase of a linear polymer into an enantiotropic mesophase via cyclization. <i>Advanced Materials</i> , 1992, 4, 572-576.	11.1	28
528	Molecular Engineering of Side Chain Liquid Crystalline Polymers. , 1992, , 247-268.		1
529	Columnar mesophases of cyclic trimers of disubstituted acetylenes. <i>Journal of Materials Chemistry</i> , 1991, 1, 765.	6.7	28
530	Synthesis of aromatic polyethers by the Scholl reaction. Part 9. "Cation-radical polymerization of 4,4'-bis(2-naphthoxy)diphenyl sulphone. <i>Journal of Materials Chemistry</i> , 1991, 1, 1051-1056.	6.7	4
531	Molecular engineering of liquid-crystalline polymers by living polymerization. Part 15. "Molecular design of re-entrant nematic mesophases in binary copolymers of 4'-((vinyloxyalkoxy)biphenyl-4-yl cyanides. <i>Journal of Materials Chemistry</i> , 1991, 1, 1007-1014.	6.7	29
532	Molecular engineering of liquid-crystalline polymers by living polymerization. Part 16. "Tailor-made Sc* mesophase in copolymers of (S)-((2-methylbutyl 4'-((vinyloxyalkoxy)biphenyl-4-carboxylate with undecanyl and octyl alkyl groups. <i>Journal of Materials Chemistry</i> , 1991, 1, 1015-1022.	6.7	24
533	Molecular engineering of liquid-crystalline polymers by living polymerization. Part 13. "Synthesis and living cationic polymerization of (S)-((2-methylbutyl 4'-((vinyloxy)alkoxy)biphenyl-4-carboxylate with undecanyl and hexyl alkyl groups. <i>Journal of Materials Chemistry</i> , 1991, 1, 611-619.	6.7	35
534	Molecular engineering of liquid crystalline polymers by living polymerization. 10. Influence of molecular weight on the phase transitions of poly{[1-[(4-cyano-4'-biphenyl)oxy]alkyl vinyl ether} with nonyl and decanyl alkyl groups. <i>Macromolecules</i> , 1991, 24, 2780-2788.	2.2	87
535	Liquid-crystal polymers containing macroheterocyclic ligands. 5. Structure of the liquid crystal phases of poly[4-[(11-methacryloylundecan-1-yl)oxy]-4'-(4'-carboxybenzo-15-crown-5)biphenyl]. <i>Macromolecules</i> , 1991, 24, 1996-2002.	2.2	28
536	Cyclotrimerization versus cyclotetramerization in the electrophilic oligomerization of 3,4-bis(methyloxy)benzyl derivatives. <i>Macromolecules</i> , 1991, 24, 3227-3234.	2.2	24
537	Molecular engineering of liquid-crystal polymers by living polymerization. 14. Synthesis and characterization of binary copolymers of .omega.-[(4-cyano-4'-biphenyl)oxy]alkyl vinyl ethers containing undecanyl and hexyl, pentyl and propyl, and undecanyl and propyl pairs of alkyl groups. <i>Macromolecules</i> , 1991, 24, 4963-4971.	2.2	47
538	Phase-transfer palladium(0)-catalyzed polymerization reactions. 6. Synthesis and thermotropic behavior of mono- and difluorinated 1,2-bis(4-n-alkoxyphenyl)acetylene monomers. <i>Chemistry of Materials</i> , 1991, 3, 107-115.	3.2	23
539	Liquid-crystalline polymers containing mesogenic units based on half-disk and rodlike moieties. 5. Side-chain liquid-crystalline poly(methylsiloxanes) containing hemiphasmidic mesogens based on 4-[[3,4,5-tris(alkan-1-yloxy)benzoyl]oxy]-4'-[[p-(propan-1-yloxy)benzoyl]oxy]biphenyl groups. <i>Macromolecules</i> , 1991, 24, 4957-4962.	2.2	79
540	Liquid-crystalline polyethers based on conformational isomerism. 16. Hexagonal columnar phase (.PHI.h) in a nondiscotic copolyether based on 1,2-bis(4-hydroxyphenyl)ethane, 1,8-dibromooctane, and 1,12-dibromododecane, and the novel 2-dimensional-3-dimensional .PHI.h-sB transition. <i>Macromolecules</i> , 1991, 24, 953-957.	2.2	52

#	ARTICLE	IF	CITATIONS
541	Termination by reductive elimination in the polyetherification of bis(aryl chlorides) activated by carbonyl groups, with bisphenolates. <i>Macromolecules</i> , 1991, 24, 5889-5892.	2.2	25
542	Dynamic light scattering from a nematic monodomain containing a side-chain liquid crystal polymer in a nematic solvent. <i>Macromolecules</i> , 1991, 24, 2385-2390.	2.2	33
543	Liquid-crystalline polyethers based on conformational isomerism. 15. Smectic and crystalline phases in copolyethers based on 1,2-bis(4-hydroxyphenyl)ethane and combinations of 1,10-dibromodecane with 1,12-dibromododecane and of 1,8-dibromooctane with 1,12-dibromododecane. <i>Macromolecules</i> , 1991, 24, 1168-1174.	2.2	21
544	Liquid-crystalline polyethers based on conformational isomerism. 18. Polyethers based on a combined mesogenic unit containing rigid and flexible groups: 1-(4-hydroxy-4'-biphenyl)-2-(4-hydroxyphenyl)butane. <i>Macromolecules</i> , 1991, 24, 6318-6324.	2.2	69
545	Molecular engineering of liquid-crystal polymers by living polymerization. 3. Influence of molecular weight on the phase transitions of poly{8-[(4-cyano-4'-biphenyl)oxy]octyl vinyl ether} and of	2.2	97
546	Alkoxy-substituted CTTV derivatives that exhibit columnar mesophases. <i>Journal of Materials Chemistry</i> , 1991, 1, 217.	6.7	31
547	Molecular engineering of liquid crystal polymers by living polymerization: 5. Synthesis and mesomorphic behaviour of poly{2-[(4-cyano-4'-biphenyl)oxy]ethyl vinyl ether-co-8-[(4-cyano-4'-biphenyl)oxy]octyl vinyl ether}. <i>Polymer</i> , 1991, 32, 2862-2868.	1.8	28
548	Semifluorinated polymers: 1. Synthesis and characterization of side chain liquid crystalline polymers containing semifluorinated oligooxyethylene based flexible spacers. <i>Polymer</i> , 1991, 32, 1897-1908.	1.8	22
549	Liquid-crystalline polyethers based on conformational isomerism: 12. Molecular engineering of phase transitions in copolyethers based on 1-(4-hydroxyphenyl)-2-(2-methyl-4-hydroxyphenyl)ethane and multiple combinations of flexible spacers. <i>Polymer</i> , 1991, 32, 673-681.	1.8	20
550	Liquid crystal polymers containing macroheterocyclic ligands 6. synthesis of mesomorphic polymers containing crown ethers by cationic cyclopolymerization and cyclocopolymerization of 1,2-bis(2-ethenyloxyethoxy)benzene derivatives containing mesogenic side groups. <i>Advanced Materials</i> , 1991, 3, 101-104.	11.1	31
551	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1991, 192, 1873-1879.	1.1	17
552	Phase behaviour in a thermotropic polyether involving rod-like mesogenic groups based on conformational isomerism. <i>Polymer</i> , 1991, 32, 1284-1292.	1.8	24
553	Liquid-crystalline polyethers based on conformational isomerism: 11. Isomorphism in liquid-crystal polyethers and copolyethers based on 1-(4-hydroxyphenyl)-2-(2-methyl-4-hydroxyphenyl)ethane and 1,10-dibromoalkanes. <i>Polymer</i> , 1991, 32, 661-672.	1.8	23
554	Liquid crystal polymers containing macroheterocyclic ligands. III. Side chain liquid crystalline polymethacrylates containing mesogenic units based on diarylacetylenes and benzo-15-crown-5. <i>Journal of Polymer Science Part A</i> , 1991, 29, 15-28.	2.5	31
555	Phase transfer catalyzed polymerization of 4-bromo-2,6-dimethylphenol in the presence of either 2,4,6-trimethylphenol or 4-tert-butyl-2,6-dimethylphenol. <i>Journal of Polymer Science Part A</i> , 1991, 29, 63-82.	2.5	31
556	Molecular engineering of liquid crystal polymers by living polymerization. II. Living cationic polymerization of 11-[(4-cyano-4'-biphenyl)oxy]undecanyl vinyl ether and the mesomorphic behavior of the resulting polymers. <i>Journal of Polymer Science Part A</i> , 1991, 29, 327-337.	2.5	101
557	Liquid crystalline polymers containing mesogenic units based on half-disc and rod-like moieties. I. Synthesis and characterization of 4-(11-undecan-1-yloxy)-4'-[3,4,5-tri(p-n-dodecan-1-yloxybenzyloxy)benzoate]biphenyl side groups. <i>Journal of Polymer Science Part A</i> , 1991, 29, 591-597.	2.5	67
558	Synthesis and mesomorphic behavior of poly{1-(4-methoxy-4'-biphenyl)-2-[4-(11-methacryloylundecanyl-1-oxyphenyl)]ethane} and poly{1-[4-(11-methacryloylundecanyl-1-oxy)-4'-biphenyl]-2-(4-methoxyphenyl)ethane} constitutional isomers. <i>Journal of Polymer Science Part A</i> , 1991, 29, 919-922.	2.5	3

#	ARTICLE	IF	CITATIONS
559	Synthesis of aromatic polyethers by Scholl reaction. II. On the polymerizability of 4,4'-bis(phenoxy)diphenyl sulfones and of 4,4'-bis(phenylthio)diphenyl sulfone. Journal of Polymer Science Part A, 1991, 29, 949-964.	2.5	20
560	Synthesis of aromatic polyethers by Scholl reaction. IV. Homopolymerization and copolymerization of 1,4-bis[4-(1-naphthoxy)phenylsulfonyl]perfluoroalkanes. Journal of Polymer Science Part A, 1991, 29, 965-976.	2.5	24
561	Molecular engineering of liquid crystal polymers by living polymerization. XI. Synthesis and characterization of poly{ 11-[(4-cyano-4'-trans-1-cyanostilbene) oxy] undecanyl vinyl ether}. Journal of Polymer Science Part A, 1991, 29, 1615-1622.	2.5	29
562	Synthesis of aromatic polyethers by Scholl reaction. V. Synthesis and polymerization of 1,3-bis[4-(1-naphthoxy) benzoyl]benzene, 1,4-bis[4-(1-naphthoxy)benzoyl]benzene, bis[4-(1-naphthoxy)phenyl]methane, 1,3-bis[4-(1-naphthoxy) phenylmethyl]benzene, and 1,4-bis-[4-(1-naphthoxy)phenylmethyl]benzene. Journal of Polymer Science Part A, 1991, 29, 1789-1800.	2.5	13
563	Cationic bulk polymerization of mesogenic vinyl ethers induced by thermal decomposition of sulfonium salts. Polymer Bulletin, 1991, 25, 649-656.	1.7	24
564	Liquid crystalline polyethers based on conformational isomerism. Polymer Bulletin, 1991, 25, 695-700.	1.7	16
565	Molecular engineering of liquid crystal polymers by living polymerization. Polymer Bulletin, 1991, 26, 15-22.	1.7	24
566	Liquid crystalline polymers containing mesogenic units based on half-disc and rod-like moieties. Polymer Bulletin, 1991, 25, 431-438.	1.7	30
567	Monitoring the WCl ₆ /(CH ₃) ₄ Sn initiated polymerization of substituted acetylenes by 1H-NMR spectroscopy. Polymer Bulletin, 1991, 25, 483-490.	1.7	5
568	Phase transfer Pd(0)/Cu(I) catalysed polymerization reactions 7. Synthesis and thermotropic behaviour of 1,4-bis[2-(3,3'-difluoro-4,4'-di- <i>n</i> -alkyloxyphenyl)-ethynyl]benzene dimers. Liquid Crystals, 1991, 10, 229-242.	1.7	37
569	Molecular Engineering of Liquid Crystal Polymers by Living Polymerization. VIII. Influence of Molecular Weight on the Phase Behavior of Poly {[(4-Cyano-4'-biphenyl)-oxy]alkyl Vinyl Ether}s with Ethyl, Propyl, and Butyl Alkyl Groups. Journal of Macromolecular Science Part A, Chemistry, 1991, 28, 651-672.	0.4	34
570	Free Radical Copolymerization of (Vinylbenzyl Ether) Macromonomer of Poly(2,6-Dimethyl-1,4-) Tj ETQq0 0 0 rgBT /Overloc Macromolecular Science Part A, Chemistry, 1991, 28, 221-231.	0.4	2
571	Synthesis and Characterization of Poly(methylsiloxane)s Containing 5-[S(-)-2-Methyl-1-butyl]-2-[4-(11-undecan-1-yloxy)phenyl]-1, 3, 2-dioxaborinane and 2-[4-[S(-)-2-Methyl-1-butoxy]phenyl]-5-(11-undecan-1-yl)-1, 3, 2-dioxaborinane Constitutional Isomeric Side Groups. Journal of Macromolecular Science Part A, Chemistry, 1991, 28, 85-94.	0.4	0
572	Synthesis and Characterization of Poly(methylsiloxane)s Containing 4-[S(-)-2-Methyl-1-Butoxy]-4'-methylstilbene Side Groups. Journal of Macromolecular Science Part A, Chemistry, 1991, 28, 687-713.	0.4	6
573	Phase transfer catalyzed polymerization of 4-hydroxy-3,5-dimethylbenzyl alcohol and copolymerization of 4-bromo-2,6-dimethylphenol with 4-hydroxy-3,5-dimethylbenzyl alcohol. Polymer Bulletin, 1991, 25, 25-32.	1.7	6
574	Liquid crystal polymers containing macroheterocyclic ligands. 4. Synthesis of mesomorphic polymers containing crown ethers by cationic cyclocopolymerization of 1,2-bis(2-ethenyloxyethoxy)benzene with mesogenic vinyl ethers. Journal of Polymer Science, Part C: Polymer Letters, 1990, 28, 345-355.	0.7	47
575	Synthesis and characterization of side-chain liquid crystalline polysiloxanes containing oligooxyethylene spacers and benzyl ether based mesogenic groups. Journal of Polymer Science Part A, 1990, 28, 425-435.	2.5	19
576	The polymerization of 3-chloro-1-propyne and 3-bromo-1-propyne with MoCl ₅ and WCl ₆ based initiators and the structure of the resulting polymers. Journal of Polymer Science Part A, 1990, 28, 1043-1057.	2.5	12

#	ARTICLE	IF	CITATIONS
577	The influence of total monomers concentration and polymerization solvent on the reactivity of β -(p-vinylbenzyl ether) macromonomers of poly(2,6-dimethyl-1,4-phenylene oxide). Journal of Polymer Science Part A, 1990, 28, 1059-1071.	2.5	18
578	Phase transfer Pd(O) catalyzed polymerization reactions. I. Synthesis of 1,2-(4,4'-dialkoxyaryl) acetylene monomers and 1,4-Bis[2-(4'-dialkoxyphenyl)ethynyl]benzene derivatives by phase transfer Pd(O)/Cu(I) catalyzed coupling reactions. Journal of Polymer Science Part A, 1990, 28, 1101-1126.	2.5	29
579	Living polymerization of aryl substituted acetylenes by MoCl ₅ and WCl ₆ based initiators: The ortho phenyl substituent effect. Journal of Polymer Science Part A, 1990, 28, 1221-1236.	2.5	93
580	Phase transfer Pd(O) catalyzed polymerization reactions. III. Polymerization by cross-coupling of alkylboron compounds and aromatic halides catalyzed by PdCl ₂ (dppf) and bases. Journal of Polymer Science Part A, 1990, 28, 3029-3046.	2.5	18
581	The influence of total monomer concentration on the reactivity of β -(p-vinylbenzyl ether) macromonomers of poly(2,6-dimethyl-1,4-phenylene oxide) determined from radical copolymerization experiments with butyl methacrylate. Polymer Bulletin, 1990, 23, 19-26.	1.7	10
582	Synthesis of β,β -bis(2,6-dimethylphenol)-poly(2,6-dimethyl-1,4-phenylene oxide) by phase transfer catalyzed polymerization of 4-bromo-2,6-dimethylphenol in the presence of 2,2-di(4-hydroxy-3,5-dimethylphenyl)propane. Polymer Bulletin, 1990, 24, 493-500.	1.7	25
583	Synthesis and mesomorphic behavior of poly(methylsiloxane)s and poly(methylsiloxane-co-dimethylsiloxane)s containing oligo-oxyethylene spacers and mesogenic side groups. Polymer Bulletin, 1990, 23, 463-470.	1.7	17
584	Liquid crystalline polyethers based on conformational isomerism. Polymer Bulletin, 1990, 24, 9-16.	1.7	7
585	A radical-anion mechanism for the phase transfer catalyzed depolymerization of poly(2,6-dimethyl-1,4-phenylene oxide). Polymer Bulletin, 1990, 24, 63-69.	1.7	12
586	Phase transfer catalyzed depolymerization of poly(2,6-dimethyl-1,4-phenylene oxide) in the presence of either 2,4,6-trimethylphenol or 4-tert-butyl-2,6-dimethylphenol. Polymer Bulletin, 1990, 24, 71-78.	1.7	13
587	Liquid crystalline polymers containing mesogenic units based on half-disc and rod-like moieties. Polymer Bulletin, 1990, 24, 255-262.	1.7	40
588	Phase transfer Pd(O) catalyzed polymerization reactions. Polymer Bulletin, 1990, 23, 177-184.	1.7	26
589	Liquid crystalline polyethers based on conformational isomerism. Polymer Bulletin, 1990, 23, 225-232.	1.7	10
590	Title is missing!. Die Makromolekulare Chemie, 1990, 191, 25-48.	1.1	15
591	Title is missing!. Die Makromolekulare Chemie, 1990, 191, 49-69.	1.1	14
592	Non-equilibrium excess order in the isotropic state of main-chain liquid-crystal-forming polymers. Polymer, 1990, 31, 2019-2022.	1.8	25
593	Can the rigidity of a side-chain liquid-crystalline polymer backbone influence the mechanism of distortion of its random-coil conformation?. Polymer, 1990, 31, 1658-1662.	1.8	35
594	A ¹³ C nuclear magnetic resonance study of the effect of temperature on the side-chain polysiloxane liquid crystal containing trans-2-[p-(1-undecanyl-11-oxy)phenyl]-5-[(p-2(S)-methyl-1-butoxy)phenyl]-1,3-dioxane. Polymer, 1990, 31, 721-727.	1.8	6

#	ARTICLE	IF	CITATIONS
595	Liquid crystalline polyethers based on conformational isomerism. 6. Influence of copolymer composition of a ternary copolyether based on 1-(4-hydroxyphenyl)-2-(2-methyl-4-hydroxyphenyl)ethane, 1,5-dibromopentane, 1,7-dibromoheptane, and 1,9-dibromononane on its mesomorphic phase transitions. <i>Macromolecules</i> , 1990, 23, 5-12.	2.2	31
596	Simultaneous x-ray/DSC study of mesomorphism in polymers with a semiflexible mesogen. <i>Macromolecules</i> , 1990, 23, 3411-3416.	2.2	48
597	Liquid-crystalline polyethers based on conformational isomerism. 10. Synthesis and determination of the virtual mesophases of polyethers based on 1-(4-hydroxyphenyl)-2-(2-methyl-4-hydroxyphenyl)ethane and .alpha.,.omega.-dibromoalkanes containing from 17 to 20 methylene units. <i>Macromolecules</i> , 1990, 23, 3509-3520.	2.2	67
598	Liquid-crystalline polymers containing heterocycloalkanedyl groups as mesogens. 8. Morphological evidence for microphase separation in poly(methylsiloxane-co-dimethylsiloxane)s containing 2-[4-(2(S)-methyl-1-butoxy)phenyl]-5-(11-undecanyl)-1,3,2-dioxaborinane side groups. <i>Macromolecules</i> , 1990, 23, 2092-2095.	2.2	49
599	A thermodynamic interpretation of polymer molecular weight effect on the phase transitions of main-chain and side-chain liquid-crystal polymers. <i>Macromolecules</i> , 1990, 23, 4347-4350.	2.2	146
600	Liquid crystalline polyethers based on conformational isomerism. <i>Polymer Bulletin</i> , 1989, 22, 489-496.	1.7	13
601	Liquid crystalline polyethers based on conformational isomerism. <i>Polymer Bulletin</i> , 1989, 22, 497-504.	1.7	11
602	The influence of the polymer backbone flexibility on the phase transitions of side chain liquid crystal polymers containing 6-[4-(4-methoxy-?methylstyryl)phenoxy]hexyl side groups. <i>Polymer Bulletin</i> , 1989, 22, 199-206.	1.7	33
603	Synthesis and characterization of liquid crystalline polyacrylates and polymethacrylates containing benzyl ether and diphenyl ethane based mesogens. <i>Journal of Polymer Science Part A</i> , 1989, 27, 453-466.	2.5	27
604	Synthesis and characterization of liquid crystalline polymethacrylates, polyacrylates, and polysiloxanes containing 4-methoxy-4'-hydroxy-1-methylstilbene-based mesogenic groups. <i>Journal of Polymer Science Part A</i> , 1989, 27, 999-1015.	2.5	30
605	Side-chain liquid crystalline polymers containing 4-[2-(S)-methyl-1-butoxy]-4'-hydroxy-(11-undecanyl-1-oxy)-1-methylstilbene side groups. <i>Journal of Polymer Science Part A</i> , 1989, 27, 2367-2384.	2.5	28
606	Transformation of a monotropic mesophase into an enantiotropic mesophase by copolymerization of the parent polymers' monomer pair containing constitutional isomeric mesogenic side groups. <i>Macromolecules</i> , 1989, 22, 1512-1514.	2.2	20
607	Liquid crystalline polyethers based on conformational isomerism. 2. Thermotropic polyethers and copolyethers based on 1-(4-hydroxyphenyl)-2-(2-methyl-4-hydroxyphenyl)ethane and flexible spacers containing an odd number of methylene units. <i>Macromolecules</i> , 1989, 22, 524-537.	2.2	76
608	Synthesis and characterization of liquid crystalline polymethacrylates, polyacrylates, and polysiloxanes containing 4-hydroxy-4'-methoxy-.alpha.-methylstilbene based mesogenic groups. <i>Macromolecules</i> , 1989, 22, 2062-2069.	2.2	29
609	Influence of molecular weight on the thermotropic mesophases of poly[6-[4-(4-methoxy-.beta.-methylstyryl)phenoxy]hexyl methacrylate]. <i>Macromolecules</i> , 1989, 22, 3259-3267.	2.2	84
610	Liquid crystalline polyethers and copolyethers based on conformational isomerism. 3. The influence of thermal history on the phase transitions of the thermotropic polyethers and copolyethers based on 1-(4-hydroxyphenyl)-2-(2-methyl-4-hydroxyphenyl)ethane and flexible spacers containing an odd number of methylene units. <i>Macromolecules</i> , 1989, 22, 3229-3242.	2.2	49
611	Macromonomers, Oligomers and Telechelic Polymers. , 1989, , 281-357.		46
612	Suppression of side chain crystallization and transformation of monotropic mesophases into enantiotropic mesophases by copolymerization of the parent polymers' monomer pairs containing constitutional isomeric mesogenic side groups. <i>Polymer</i> , 1989, 30, 2124-2129.	1.8	13

#	ARTICLE	IF	CITATIONS
613	Liquid crystal polymers containing macroheterocyclic ligands. 2. Side chain liquid crystal polysiloxanes and polymethacrylates containing 4-(ω -alkan-1-yloxy)-4'-(4'-carboxybenzo-15-crown-5)biphenyl side groups. <i>Macromolecules</i> , 1989, 22, 4408-4412.	2.2	60
614	Liquid-crystal polyethers containing macroheterocyclic ligands. 1. Polyethers and copolyethers based on 4,4'-dihydroxy- α -methylstilbene, bis(8-bromooctyl)dibenzo-18-crown-6 and/or 1,11-dibromoundecane. <i>Macromolecules</i> , 1989, 22, 2043-2047.	2.2	45
615	Liquid crystalline polymers containing heterocycloalkane diyl groups as mesogens. 7. Molecular weight and composition effects on the phase transitions of poly(methylsiloxane)s and poly(methylsiloxane-co-dimethylsiloxane)s containing 2-[4-(2(S)-methyl-1-butoxy)phenyl]-5-(11-undecanyl)-1,3,2-dioxaborinane side groups. <i>Macromolecules</i> , 1989, 22, 1588-1599.	2.2	102
616	Molecular Engineering of Liquid Crystalline Polymers. , 1989, , 299-383.		0
617	Functional polymers and sequential copolymers by phase transfer catalysis. XXVIII. Synthesis and characterization of alternating block copolymers and polyformals of polyisobutylene and aromatic polyether sulfone. <i>Journal of Polymer Science Part A</i> , 1988, 26, 721-741.	2.5	6
618	Synthesis of aromatic polyethers by Scholl reaction. I. Poly(1,1'-dinaphthyl ether phenyl sulfone)s and poly(1,1'-dinaphthyl ether phenyl ketone)s. <i>Journal of Polymer Science Part A</i> , 1988, 26, 783-805.	2.5	47
619	Interchain electron donor-acceptor complexes. Determination of equilibrium constant and thermodynamic parameters in the solid state. <i>Journal of Polymer Science Part A</i> , 1988, 26, 935-951.	2.5	14
620	Synthesis and characterization of liquid crystalline copolymethacrylates, copolyacrylates, and copolysiloxanes containing 4-methoxy-4'-hydroxy- \pm -methylstilbene and 4-hydroxy-4'-methoxy- \pm -methylstilbene constitutional isomers as side-groups. <i>Journal of Polymer Science Part A</i> , 1988, 26, 2047-2076.	2.5	22
621	Synthesis and characterization of segmented copolymers of aromatic polyether sulphone and a thermotropic liquid crystalline polyester. <i>Polymer</i> , 1988, 29, 938-949.	1.8	41
622	Liquid crystalline polyethers based on conformational isomerism. 1. Quasi-rigid polyethers containing methyleneoxy units. <i>Macromolecules</i> , 1988, 21, 3379-3386.	2.2	42
623	Liquid Crystalline Polyethers. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , 1988, 155, 1-35.	0.3	16
624	Chiral Smectic Liquid Crystalline Polymers. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , 1988, 157, 125-150.	0.3	18
625	Liquid crystalline polymers by cationic polymerization. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1988, 13-14, 397-415.	0.6	16
626	New Developments in Polymer Synthesis by Phase-Transfer Catalysis. <i>ACS Symposium Series</i> , 1987, , 96-115.	0.5	8
627	Liquid-crystalline polymers containing heterocycloalkane mesogenic groups. 5. Synthesis of biphasic chiral smectic polysiloxanes containing 2,5-disubstituted-1,3-dioxane- and 2,5-disubstituted-1,3,2-dioxaborinane-based mesogenic groups. <i>Macromolecules</i> , 1987, 20, 2961-2968.	2.2	79
628	Structural and Quantitative Analysis of Surface Modified Poly(vinylidene Fluoride) Films Using ATR FT-IR Spectroscopy. <i>Applied Spectroscopy</i> , 1987, 41, 843-847.	1.2	30
629	Thermally reactive oligomers of aromatic poly(ether sulphone) containing poly(dimethylsiloxane): 2. Mechanical properties in the poly(ether sulphone) glass transition range. <i>Polymer</i> , 1987, 28, 132-138.	1.8	5
630	Alternating block copolymers of aromatic poly(ether sulphone) and poly(dimethylsiloxane) by hydrosilylation. <i>Polymer</i> , 1987, 28, 1407-1417.	1.8	32

#	ARTICLE	IF	CITATIONS
631	Liquid crystalline copoly(vinylether)s containing 4(4'-methoxy-4'-hydroxy-2'-methylstilbene constitutional isomers as side groups. Polymer Bulletin, 1987, 18, 239.	1.7	29
632	Living non-conjugated polyacetylenes. Polymer Bulletin, 1987, 18, 303.	1.7	41
633	Synthesis and characterization of biphasic liquid crystalline polysiloxanes containing 4-undecyloxy-4'-cyanobiphenyl side-groups. Polymer Bulletin, 1987, 18, 91.	1.7	20
634	Functional polymers and sequential copolymers by phase transfer catalysis. 25. Transformation of a monotropic mesophase into an enantiotropic one by increasing the molecular weight of the polymer and by copolymerization. Journal of Polymer Science Part A, 1987, 25, 405-431.	2.5	42
635	Functional polymers and sequential copolymers by phase transfer catalysis. XXII. Vinylidene fluoride-trifluoroethylene copolymers by surface modification of polyvinylidene fluoride. Journal of Polymer Science Part A, 1987, 25, 783-804.	2.5	11
636	Functional polymers and sequential copolymers by phase transfer catalysis. 24. The influence of molecular weight on the thermotropic properties of a random copolyether based on 1,5-dibromopentane, 1,7-dibromoheptane, and 4,4'-dihydroxy-1,1'-methylstilbene. Journal of Polymer Science Part A, 1987, 25, 1943-1965.	2.5	71
637	Synthesis and characterization of ABA triblock copolymers containing poly(2,6-dimethyl-1,4-phenylene) Tj ETQq1 1 0.784314 rgBT /Omer Part A, 1987, 25, 2043-2062.	2.5	11
638	Synthesis and characterization of liquid crystalline poly(N-acylethyleneimine)s. Journal of Polymer Science Part A, 1987, 25, 2269-2279.	2.5	39
639	Liquid crystalline polymers containing heterocycloalkane mesogens. 2. Side-chain liquid crystalline polysiloxanes containing 2,5-disubstituted-1,3-dioxane mesogens. Journal of Polymer Science Part A, 1987, 25, 2425-2445.	2.5	41
640	Synthesis of aromatic polyethers containing 2,6(7)-dihydroxy [1,3,5(6),7(8)-tetramethylantracene] units. Journal of Polymer Science Part A, 1987, 25, 2577-2583.	2.5	2
641	The influence of molecular weight on the reactivity of a vinylbenzyl ether macromonomer of poly(2,6-dimethyl-1,4-phenylene oxide). Journal of Polymer Science Part A, 1987, 25, 2605-2627.	2.5	59
642	Functional polymers and sequential copolymers by phase transfer catalysis. XXVI. Synthesis and characterization of thermotropic liquid crystalline polypodants. Journal of Polymer Science Part A, 1987, 25, 2755-2779.	2.5	20
643	Synthesis and characterization of liquid crystalline polysiloxanes containing benzyl ether mesogens. Journal of Polymer Science Part A, 1987, 25, 2909-2923.	2.5	17
644	Synthesis and characterization of liquid crystalline poly(p-vinylbenzyl ether)s. Polymer Bulletin, 1987, 17, 347-352.	1.7	25
645	Liquid crystalline copolymers of monomer-pairs containing mesogenic units which exhibit constitutional isomerism. Polymer Bulletin, 1987, 17, 353-359.	1.7	10
646	Liquid crystalline polymers containing heterocycloalkane mesogens. Polymer Bulletin, 1987, 17, 49-54.	1.7	41
647	Title is missing!. Die Makromolekulare Chemie, 1987, 188, 1017-1031.	1.1	38
648	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1987, 8, 331-337.	1.1	50

#	ARTICLE	IF	CITATIONS
649	Thermally reactive oligomers of aromatic poly(ether sulphone) containing poly(dimethylsiloxane): 1. Synthesis and characterization. <i>Polymer</i> , 1987, 28, 119-131.	1.8	35
650	Miscible blends from poly(2,6-dimethyl-1,4-phenylene oxide) and poly(epichlorohydrin) containing pendant electron-donor and electron-acceptor groups. <i>Macromolecules</i> , 1986, 19, 65-71.	2.2	69
651	Interchain electron donor-acceptor complexes: a model to study polymer-polymer miscibility?. <i>Macromolecules</i> , 1986, 19, 55-64.	2.2	157
652	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1986, 187, 111-123.	1.1	20
653	Synthese und mechanische eigenschaften von aromatischen polyethersulfon-polydimethylsiloxan-netzwerken. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1986, 7, 303-306.	1.1	3
654	Functional polymers and sequential copolymers by phase transfer catalysis. <i>Polymer Bulletin</i> , 1986, 16, 513-520.	1.7	16
655	Functional polymers and sequential copolymers by phase transfer catalysis. <i>Polymer Bulletin</i> , 1986, 16, 521-527.	1.7	39
656	Functional polymers and sequential copolymers by phase transfer catalysis. 23. Single electron transfer phase transfer catalyzed polymerization of 4-bromo-2,6-dimethylphenol. <i>Journal of Polymer Science, Part C: Polymer Letters</i> , 1986, 24, 439-446.	0.7	68
657	Functional polymers and sequential copolymers by phase-transfer catalysis. 16. Influence of sequence distribution on the mesomorphic properties of thermotropic copolyethers containing 4,4'-dihydroxybiphenyl. <i>Journal of Polymer Science Part A</i> , 1986, 24, 15-27.	2.5	12
658	Functional polymers and sequential copolymers by phase transfer catalysis. XIX. Thermotropic polythioethers and copolythioethers based on 4,4'-dithiolbiphenyl. <i>Journal of Polymer Science Part A</i> , 1986, 24, 451-467.	2.5	33
659	Interchain EDA complexes: A model for LCST?. <i>Journal of Polymer Science Part A</i> , 1986, 24, 579-587.	2.5	25
660	The influence of molecular weight of the donor polymer on the solid-state behavior of interchain EDA complexes. <i>Journal of Polymer Science Part A</i> , 1986, 24, 747-758.	2.5	12
661	Functional polymers and sequential copolymers by phase transfer catalysis. 18. Synthesis and characterization of $\hat{1}\pm, \hat{1}\%$ -bis(2,6-dimethylphenol)-poly(2,6-dimethyl-1,4-phenylene oxide) and $\hat{1}\pm, \hat{1}\%$ -bis(vinylbenzyl)-poly(2,6-dimethyl-1,4-phenylene oxide) oligomers. <i>Journal of Polymer Science Part A</i> , 1986, 24, 965-990.	2.5	30
662	Poly(vinyl ether)s and poly(propenyl ether)s containing mesogenic groups: A new class of side-chain liquid-crystalline polymers. <i>Journal of Polymer Science Part A</i> , 1986, 24, 1363-1378.	2.5	106
663	Copolymerization. <i>Polymer Bulletin</i> , 1986, 16, 137-142.	1.7	4
664	Functional polymers and sequential copolymers by phase-transfer catalysis. 16. Influence of sequence distribution on the mesomorphic properties of thermotropic copolyethers containing 4,4'-dihydroxybiphenyl. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1986, 24, 15-27.	0.8	14
665	Thermotropic polyketones: A new class of main-chain liquid crystalline polymers. <i>Polymer Bulletin</i> , 1985, 14, 367-374.	1.7	12
666	Functional polymers and sequential copolymers by phase transfer catalysis. 14. Thermotropic polyethers and copolyethers based on 4,4'-dihydroxybiphenyl. <i>Journal of Polymer Science, Polymer Letters Edition</i> , 1985, 23, 185-194.	0.4	48

#	ARTICLE	IF	CITATIONS
667	Functional polymers and sequential copolymers by phase-transfer catalysis. 15. Thermotropic copolyethers based on 4,4'-dihydroxybiphenyl, bisphenol a and 1,9-dibromononane. Journal of Polymer Science: Polymer Chemistry Edition, 1985, 23, 2913-2930.	0.8	23
668	Synthesis and group transfer polymerization and copolymerization of p-vinylbenzyl methacrylate. Polymer Bulletin, 1985, 14, 109-116.	1.7	36
669	Interchain EDA complexes of poly[N-(2-hydroxyethyl) carbazolyl methacrylate] with poly (1-hydroxyalkyl-3,5-dinitrobenzoyl methacrylate)s. Polymer Bulletin, 1985, 14, 165-171.	1.7	18
670	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1985, 6, 97-104.	1.1	41
671	Recent Developments in Cationic Polymerization. ACS Symposium Series, 1985, , 95-130.	0.5	3
672	Thermotropic Polyethers and Copolyethers: A New Class of Main Chain Liquid Crystalline Polymers. , 1985, , 133-157.		11
673	Title is missing!. Die Makromolekulare Chemie, 1984, 185, 617-627.	1.1	32
674	Title is missing!. Die Makromolekulare Chemie, 1984, 185, 1867-1880.	1.1	37
675	Title is missing!. Die Makromolekulare Chemie, 1984, 185, 2319-2336.	1.1	27
676	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1984, 5, 319-326.	1.1	31
677	Functional polymers and sequential copolymers by phase transfer catalysis. 9. Synthesis and characterization of 1,1'-di[2-(p-phenoxy)-2-oxazoline] oligomers. Journal of Polymer Science, Polymer Letters Edition, 1984, 22, 523-532.	0.4	26
678	Functional polymers and sequential copolymers by phase transfer catalysis. 10. Polyethers of mesogenic bisphenols: A new class of main-chain liquid crystalline polymers. Journal of Polymer Science, Polymer Letters Edition, 1984, 22, 637-647.	0.4	86
679	Functional polymers and sequential copolymers by phase transfer catalysis. Polymer Bulletin, 1984, 12, 253-260.	1.7	20
680	Functional polymers and sequential copolymers by phase transfer catalysis. Polymer Bulletin, 1984, 12, 261-268.	1.7	19
681	Functional Polymers and Sequential Copolymers by Phase Transfer Catalysis VII. Synthesis and Characterization of Alternating Block Copolymers of Aromatic Poly(ether sulfone)s with Aliphatic Polysulfides and Aliphatic Polysulfones. Polymer Journal, 1984, 16, 681-691.	1.3	14
682	Functional polymers and sequential copolymers by phase transfer catalysis. Polymer Bulletin, 1983, 10, 385-390.	1.7	24
683	Functional polymers and sequential copolymers by phase transfer catalysis. Polymer Bulletin, 1983, 10, 391-396.	1.7	15
684	Comb-like polymers and graft copolymers from macromers. Polymer Bulletin, 1983, 10, 397-403.	1.7	17

#	ARTICLE	IF	CITATIONS
685	Microstructure of polyphenylacetylene obtained by MoCl ₅ and WCl ₆ type catalysts. Polymer Bulletin, 1983, 10, 1-7.	1.7	93
686	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers). Polymer Bulletin, 1983, 10, 31-38.	1.7	9
687	A ¹³ C-NMR study of the microstructure of polyphenylacetylenes prepared with MoCl ₅ and WCl ₆ . Polymer Bulletin, 1983, 9, 548.	1.7	52
688	Functional polymers and sequential copolymers by phase transfer catalysis. Polymer Bulletin, 1983, 10-10, 223.	1.7	0
689	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers). Polymer Bulletin, 1983, 9, 27.	1.7	12
690	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers). Polymer Bulletin, 1983, 9, 570-576.	1.7	1
691	¹³ C-NMR studies of thermally isomerized polyphenylacetylenes prepared with MoCl ₅ and WCl ₆ catalysts. Polymer Bulletin, 1983, 9, 582-587.	1.7	34
692	Progress in polyacetylene chemistry. Progress in Polymer Science, 1982, 8, 133-214.	11.8	221
693	Donor-acceptor complexation in macromolecular systems. Polymer Bulletin, 1982, 6, 617.	1.7	36
694	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (Inifers). Polymer Bulletin, 1982, 8, 551.	1.7	0
695	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (Inifers). Polymer Bulletin, 1982, 8, 563-570.	1.7	27
696	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (Inifers). Polymer Bulletin, 1982, 8, 571-578.	1.7	49
697	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (INIFERS). Polymer Bulletin, 1982, 8, 319.	1.7	3
698	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers). Polymer Bulletin, 1982, 8, 25-32.	1.7	37
699	Intramolecular charge transfer complexes. 16. Copolymers of N,N-dimethyl-p-aminobenzyl methacrylate with acryloyl- and methacryloyl- ¹² -hydroxyethyl-3,5-dinitrobenzoate. Journal of Polymer Science: Polymer Chemistry Edition, 1982, 20, 63-71.	0.8	7
700	Intramolecular charge transfer complexes. VIII. Poly[N-(2-hydroxyethyl) carbazolyl acrylate-co-2,4-dinitrophenyl methacrylate]. Journal of Polymer Science: Polymer Chemistry Edition, 1982, 20, 655-661.	0.8	5
701	Intramolecular Charge Transfer Complexes. 3. Another Approach to the Charge Transfer Copolymerization Model. Journal of Macromolecular Science Part A, Chemistry, 1981, 15, 393-404.	0.4	21
702	On the polymerization of acetylenic derivatives—XXXVII. European Polymer Journal, 1981, 17, 689-693.	2.6	8

#	ARTICLE	IF	CITATIONS
703	Configuration of methyl methacrylate-2-naphthyl methacrylate copolymers. Colloid and Polymer Science, 1981, 259, 697-700.	1.0	4
704	Synthesis of ABA triblock copolymers containing electrono-donor or electrono-acceptor pendant groups in A blocks. Polymer Bulletin, 1981, 5, 643.	1.7	4
705	Synthesis and polymerization of 2-(?-N-carbazolyethyl)-2-oxazoline and 2-(3,5-dinitrophenyl)-2-oxazoline. Polymer Bulletin, 1981, 5, 651.	1.7	8
706	New 3-halogencarbazole ? containing monomers and polymers. Polymer Bulletin, 1981, 5, 659.	1.7	1
707	Intramolecular charge transfer complexes. Polymer Bulletin, 1981, 4, 623.	1.7	7
708	Intramolecular charge transfer complexes. Polymer Bulletin, 1981, 4, 247-253.	1.7	19
709	Intramolecular charge transfer complexes. Polymer Bulletin, 1981, 4, 255-259.	1.7	10
710	Intramolecular charge transfer complexes. Polymer Bulletin, 1981, 5, 217-223.	1.7	7
711	Intramolecular charge transfer complexes. Polymer Bulletin, 1981, 5, 225-231.	1.7	20
712	New phenothiazine-containing monomers and polymers. Polymer Bulletin, 1981, 5, 233.	1.7	0
713	Intramolecular charge transfer complexes. Polymer Bulletin, 1981, 5, 239-245.	1.7	11
714	Intramolecular charge transfer complexes. Polymer Bulletin, 1981, 5, 247-253.	1.7	23
715	Phenylacetylene-Methyl Methacrylate Radical Copolymers. Journal of Macromolecular Science Part A, Chemistry, 1981, 15, 643-657.	0.4	8
716	Phenylacetylene-Methyl Acrylate Radical Copolymers. Journal of Macromolecular Science Part A, Chemistry, 1981, 15, 659-669.	0.4	7
717	Intramolecular Charge Transfer Complexes. 4. Poly(N-(2-hydroxyethyl)carbazoyl Acrylate-co-Picryl) Tj ETQq1 1 0.784314 rgBT ₂₀ Overlook	0.4	20
718	Semiconduction theory. Experientia, 1980, 36, 1264-1267.	1.2	1
719	New 3,6-dihalogencarbazole-containing monomers and polymers. Polymer Bulletin, 1980, 2, 427.	1.7	2
720	Intramolecular charge transfer complexes 5. Polymer Bulletin, 1980, 2, 435.	1.7	7

#	ARTICLE	IF	CITATIONS
721	Intramolecular charge transfer complexes 6. Polymer Bulletin, 1980, 2, 441.	1.7	6
722	Cationic grafting from plasma-modified polymer surfaces. Polymer Bulletin, 1980, 2, 499.	1.7	10
723	Intramolecular charge transfer complexes. Polymer Bulletin, 1980, 3, 529-533.	1.7	12
724	Intramolecular charge transfer complexes. Polymer Bulletin, 1980, 3, 535-542.	1.7	46
725	Intramolecular charge transfer complexes. Polymer Bulletin, 1980, 3, 543-549.	1.7	12
726	Intramolecular charge transfer complexes. Polymer Bulletin, 1980, 3, 551-557.	1.7	25
727	New fluorene containing monomers and polymers. Polymer Bulletin, 1980, 2, 51-56.	1.7	2
728	Intramolecular charge transfer complexes. Polymer Bulletin, 1980, 2, 57-61.	1.7	14
729	A critical reevaluation of reactivity ratio data in radical copolymerization of acetylene monomers. Polymer Bulletin, 1980, 2, 63-69.	1.7	5
730	Thermal cis \leftrightarrow trans isomerization of cis/transoidal polyphenylacetylene. Journal of Polymer Science: Polymer Chemistry Edition, 1980, 18, 147-155.	0.8	122
731	Intramolecular charge transfer complexes: 1. Poly [N-(2-hydroxyethyl) carbazolyl methacrylate-co-picryl methacrylate]. Polymer, 1980, 21, 417-422.	1.8	40
732	Synthesis and polymerization of aromatic groups containing propiolic esters. Journal of Polymer Science, Polymer Letters Edition, 1979, 17, 287-292.	0.4	15
733	Polypentadeuterophenylacetylene isomers. Journal of Polymer Science, Polymer Letters Edition, 1979, 17, 421-429.	0.4	60
734	New carbazole-containing monomers and polymers. Journal of Polymer Science: Polymer Chemistry Edition, 1979, 17, 2287-2297.	0.8	16
735	Polymerization of acetylenic derivatives. XXX. Isomers of polyphenylacetylene. Journal of Polymer Science: Polymer Chemistry Edition, 1977, 15, 2497-2509.	0.8	365
736	Polymerization of acetylenic derivatives. XXVII. Synthesis and properties of isomeric poly-N-ethynylcarbazole. Journal of Polymer Science: Polymer Chemistry Edition, 1977, 15, 2893-2907.	0.8	42
737	On the Polymerization of Acetylenic Derivatives. XXIV. Some Structural Peculiarities of Poly($1\pm$ -ethynyl naphthalene). Polymer Journal, 1976, 8, 313-317.	1.3	27
738	The Polymerization of Acetylenic Derivatives. XXV. Synthesis and Properties of Isomeric Poly(1^2 -ethynyl naphthalene). Polymer Journal, 1976, 8, 139-149.	1.3	37

#	ARTICLE	IF	CITATIONS
739	Recherches sur la polymerisation des derives acetyleniques. Journal of Thermal Analysis, 1974, 6, 389-399.	0.7	7
740	Designing functional aromatic multisulfonyl chloride initiators for complex organic synthesis by living radical polymerization. , 0, .		1